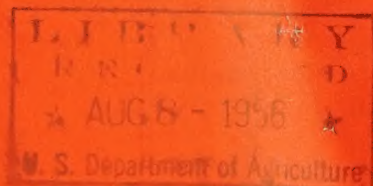


62.73



Michell's

GROWERS CATALOG



Fall 1956

- Bulbs
- Seeds
- Plants
- Supplies

**HENRY F. MICHELL
CO.**

LO 3-5620

3rd & Spruce Sts.

PHILADELPHIA 5, PA.



Quick Index

Tulips

Pages 1 and 2

Hyacinths

Page 3

Narcissus

Page 4

Lilies

Pages 8 and 9

Misc. Bulbs

Pages 5, 6 and 7

Grass Seed

Page 9

Plants

Pages 10 to 16

Carnations

Pages 14 and 15

Perennial Plants

Page 16

Foliage Plants

Pages 10, 11

Flower Seeds

Pages 17 to 24

Perennial Flower Seed

Pages 25 to 28

Florist Supplies

Pages 29 and 30

Fertilizers

Page 31

Insecticides

Page 32

HARDY LILIES DISPLAY CASE

(Delivery October through April)

These cases consist of five of the best and most popular Lilies and are packed in special cases with wooden partitions between the varieties.

Each case contains a set of colored pictures of the respective varieties.

Complete planting instructions in each case. Each case contains the following varieties:

Improved Regale

Tigrinum Splendens (Single Tiger Lily)

Henryi (Yellow Speciosum)

Orange Triumph

Regale Album

Case No. 1, containing 80 each of above varieties, 6"- 7", 400 bulbs.

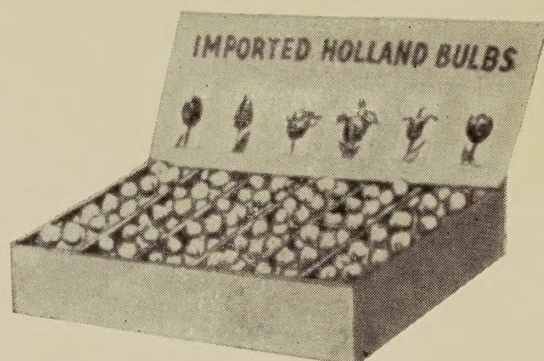
Case No. 2, containing 60 each of above varieties, 7"- 8", 300 bulbs.

Case No. 3, containing 50 each of above varieties, 8"- 9", 250 bulbs.

Case No. 4, containing 40 each of above varieties, 9"-10", 200 bulbs.

Each of above: \$43.50.

(Retail 2 to 2½ times your cost).



DUTCH BULB DISPLAY CASE

Here's something that we feel really has a future in bulb merchandising—a display case with tremendous selling power.

The unit is divided into two separate containers consisting of six compartments for bulbs with a colored illustration over each—you just open the lid and your display is all set up. You're selling bulbs before you know it.

Each unit contains the following:

800 Tulips—Top size in seven different colors.

150 Hyacinths—Bedding size in 3 different colors.

50 Narcissus—Mixture of better varieties for naturalizing.

You get this entire case of 1000 top quality ready to sell bulbs for **only \$52.50**. Retail sales value from \$120.00 to \$140.00.

PAPER WHITE NARCISSUS

New combination shipping container and display carton—just turn up the top of the carton and set on your counter. A real sales stimulant. Printed in two colors. 250 14/15 ctm. bulbs packed in each carton. Suggested retail: 3 for 60c; 10 for \$1.50; 25 for \$3.50. **Your cost, \$20.00 per carton.**



RUBRUM LILIES

Select American Grown Bulbs

Now available for early October delivery to meet the fall demand for counter sales.

	25	100	Case
8/9 200 bulbs per case	\$8.00	\$30.00	\$54.00
9/10 150 bulbs per case	9.25	35.00	48.50
10/11 100 bulbs per case	13.00	50.00	50.00

PLANT SHIPMENTS

We recommend all plant shipments to go by Express. If they arrive in poor or frozen condition, accept and receipt for them, accordingly, then enter claim to the transportation company. All claims must be supported with a copy of damage report which can be furnished by the agent of the delivery carrier. Prices prevailing at time of shipment will be charged, plus packing at cost.

NURSERY STOCK

Azaleas—Ilex—Pyracantha—Boxwood—Ligustrum

Top quality material available from the best sources. Write for list and prices.

Conditions of Sale

Due to constant market fluctuations, all prices in this catalog are subject to change without notice.

DISCOUNTS

For Cash with Order, or Payment within 10 days of invoice:

Flower and Vegetable Seeds—5% on orders of \$5.00 to \$25.00. 8% on orders of \$25.00 or over.

All other items, 2%.

NO Discounts on Special Quotations.

Warranty

Henry F. Michell Co. gives no warranty express or implied as to the productiveness of any seeds, bulbs or plants it sells. The limit of liability for all claims shall be no greater than the purchase price of the goods, and in no case shall it be responsible for loss or damage to the crop.

Forwarding Service

Flower Seeds listed in catalog, prepaid anywhere in the United States.

Please remit postage for all Bulbs, Plants, Insecticides, and Sundries, if desired by parcel post. Shipments too large for parcel post will be sent express or freight collect.

For Prompt and Courteous Service



Call LOmbard 3-5620

DARWIN TULIPS

TOP SIZE—12 CTM. AND UP

Darwins are the most profitable Tulips for the florist to grow. The long stems on which the flowers are borne make them valuable for cutting.

	100	1000
Afterglow. Deep rosy orange, salmon shading along petal edges. Inside deep orange, yellowish base	\$4.90	\$44.00
All Bright. (Sport of Bartigon). Carmine-red. Can be forced from Jan. 15th	4.90	44.00
Aristocrat. Large, soft purplish violet-rose edged white. Can be forced from Jan. 15th	5.70	52.00
Bartigon. Fiery red. Extra fine for pans. Can be forced from Jan. 15th	4.90	44.00
Bartigon Maximus. A larger bloom than Bartigon. Can be forced from Jan. 15th	5.00	45.00
Blue Eagle. Deep royal blue with bright blue base	4.90	44.00
City of Haarlem. One of the best scarlet varieties. Can be forced from Jan. 10th	6.30	58.00
Clara Butt. Delicate salmon-pink. Ideal for outdoor cut flowers	4.90	44.00
Eclipse. Glowing deep blood-red	5.70	52.00
Farncombe Sanders. Dazzling scarlet with white base. Large flower. Use for bedding	4.90	44.00
Glacier. A giant among white Tulips. Ideal for outdoor cut flowers	5.70	52.00
Golden Age. Deep buttercup-yellow. Fine for pots and cut flowers. Can be forced from Jan. 20th	5.70	52.00
Insurpassable. Lilac. Can be forced from Jan. 15th	5.70	52.00
King George V. Salmon-scarlet, shaded rose. For outdoor cut flowers	4.90	44.00
Madame Butterfly. Pale mauve, shaded violet	4.90	44.00
Montgomery. White with carmine-red edge. Bartigon sport	5.70	52.00
Niphetos. Sulphur-yellow. Good cut flower. Can be forced from Jan. 25th	5.70	52.00
Paul Richter. One of the earliest reds, can be in bloom for Valentine's Day without precooling. Geranium-red	5.70	52.00
Pride of Haarlem. Rosy carmine. For outdoor cut flowers	4.90	44.00
Pride of Zwanenburg. Bright rose, lighter edge. Tall, good outdoor cut flower	5.70	52.00
Princess Elizabeth. Clear pink, changing with age to a deeper shade. Can be forced from Jan. 20th	4.90	44.00
Prunus. Salmon-pink. One of the best sports of Bartigon. Excellent for pots	4.90	44.00
Queen of the Night. Extremely dark velvet-maroon with bright velvet sheen. Can be forced after Jan. 20th	4.90	44.00
Red Pitt. Sport of William Pitt. Color is more brilliant. Can be forced after Jan. 1st	4.90	44.00
Rose Copland. Lilac-rose. Good for pots and cut flowers. Can be forced from Dec. 25th	4.90	44.00
Scotch Lassie. Deep lavender. Excellent for outdoor cut flowers	4.90	44.00
Smiling Queen. Beautiful satiny pink with silvery edge. Excellent for outdoor cut flowers	5.70	52.00
The Bishop. Large, violet-purple. Ideal for pans and cut flowers. Can be forced from Jan. 25th	5.70	52.00
White Giant. Pure white. Ideal for outdoor planting	5.30	48.00
William Copland. Delicate lavender. Ideal for pans and cut flowers. Can be forced from Dec. 25th	4.90	44.00
William Pitt. Cochineal-red. Good for pots and cut flowers. Can be forced from Jan. 1st	4.90	44.00
Yellow Giant. Large, deep golden yellow. Excellent garden variety	4.90	44.00
Zwanenburg. Pure white; black anthers. Ideal cut flower. Can be forced after Feb. 1st	4.90	44.00
Mixed. A well balanced mixture	4.90	44.00



Scotch Lassie

TRIUMPH TULIPS

TOP SIZE—12 CTM. AND UP

Triumph Tulips are the result of crossing Early and Darwin Tulips. They have the stems of the Darwin and the earliness of Early Tulips when forced.

	100	1000
Alberio. Cherry-red; yellow edge. Ideal for pots. Can be forced from Jan. 10th	\$4.90	\$44.00
Bandoeng. Deep mahogany-red, slightly bordered orange. Can be forced from Jan. 5th	4.90	44.00
Blizzard. One of the best whites available. Immense flowers 4-4½ inches long and a beautiful shade of creamy white. Very early	11.00	105.00
Bruno Walter. Deep chrome-yellow, outside flushed purple. Can be forced from Jan. 15th	5.70	52.00
Crater. Dark vermilion-red, edging lighter; dark center. For pots and cut flowers. Can be forced from Jan. 15th	4.90	44.00
Denbola. Deep amaranth-red, edged creamy white. Can be used for pots or cut flowers. Can be forced from Jan. 10th	5.70	52.00
Elizabeth Evers. Beautiful deep pink. Fine for pots or cut flowers. Can be forced from January 20th	4.90	44.00
Elmus. Cherry-red with white border. Splendid for pots and cutting. Very large flower. Can be forced from Jan. 15th	5.70	52.00
Kansas. Snow-white; yellow center. Use for pots. Can be forced from Jan. 15th	4.90	44.00
Korneforos. Bright red. Good keeper. Ideal for cut flowers and pots. Can be forced from January 15th	5.70	52.00
Merry Widow. One of the best new varieties, very early, flowering at the same time as Copland. Color is a flowing deep red edged with white. Large flower	5.70	52.00
Red Giant. Large, brilliant scarlet. Excellent forcer. Ideal for pots and cut flowers. Can be forced from Jan. 15th	6.10	56.00
Ursa Minor. Large, golden yellow. Recommended for pots. Can be forced from Jan. 15th	4.90	44.00

Tips on Tulips

Use Single Early, Double Early, and Mendel Tulips for Early Forcing

For earliest forcing, force in complete dark at 65 to 70° to draw up, for good stem length. After benching, keep at 65° in a shaded location. They will soon color up and gain substance. When in full bloom, keep at 55 to 60° to get full color.

Bulbs brought in later will not need the drawing up treatment, as the sprouts will be longer. Place on the bench from start, shade with newspaper for a few days. They then should be kept partly shaded.

For Late Tulips including Darwin and Triumphs

The forcing varieties should be started at 55 to 60 degrees. Lower temperatures will delay flowering, higher temperatures will produce weak stems and soft flowers. A dark or shaded location is necessary till the first ring or joint is out of the bulb, after which they can

be given more heat up to 70 degrees. If grown in flats it is advisable to remove side shoots which grow from the outside of bulbs.

PRECOOLED TULIPS

Precooled Tulips are treated the same way as the regular, however, they can be brought into the greenhouse two weeks earlier, provided that the flower bud has grown out of the bulb. For the first week grow at 55 degrees, no higher, let it rise gradually to 70 degrees until they flower.

HOW TO PREVENT SPOTTING ON TULIPS

Spotting of Tulips often occurs in late spring when the atmosphere in the greenhouse is very damp. Ventilate freely in order to avoid high temperatures and excessive moisture. Water very carefully and never water over the tops of the plants. Shade the glass to avoid strong sunlight. The above treatment also helps to prevent "flopping."

COTTAGE TULIPS

TOP SIZE—12 CTM. AND UP

Desirable for outdoor planting for a supply of brilliant cut blooms in May. Some varieties are also valuable for forcing.

	100	1000
Advance. Fiery scarlet. Large, ideal cut flower. Can be forced after Feb. 1st	\$5.70	\$52.00
Albino. Pure white, one of the whites for pans and cut flowers. Can be forced from Dec. 15th	4.90	44.00
Belle Jaune. Beautiful golden yellow with a bright yellow interior. Ideal for outdoor cut flowers	4.90	44.00
Carrara. Pure white flowers. Excellent for pans. Can be forced from Jan. 15th	4.90	44.00
Golden Harvest. Large, lemon-yellow. Ideal for pots and cut flowers. Can be forced from Dec. 25th	4.90	44.00
Inglescombe Yellow. Deep canary-yellow. Ideal for cut flowers. Can be forced from February 1st	4.90	44.00
Marshall Haig. Brilliant scarlet; yellow base; large flower. Fine for bedding	5.70	52.00
Mother's Day (Lemon Queen). E-24. Medium large. Lemon-yellow. Can be forced from January 20th. Fine for outdoor cut flowers	4.90	44.00
Mount Erebus (White City). F-28. Large flowering pure white. Long stems. Ideal for outdoor cut flowers	5.70	52.00
Mrs. John T. Scheepers. Pure yellow. Good for indoor or outdoor cut flowers. Can be forced after Feb. 15th	5.70	52.00
Mrs. Moon. Large, golden yellow, with reflexing pointed petals. Ideal for bedding	5.70	52.00
Princess Margaret Rose. Yellow edged and flushed orange-red	4.90	44.00

SINGLE EARLY TULIPS

1ST SIZE—11 TO 12 CTM.

	100	1000
Brilliant Star. Vermilion-scarlet. Can be forced from Dec. 1st	\$4.90	\$44.00
Couleur Cardinal. Brilliant scarlet. Fine for forcing or bedding. Can be forced from Jan. 25th	5.70	52.00
De Wet. Beautiful golden yellow, flushed and stippled fiery orange-scarlet. Can be forced from Jan. 5th	4.90	44.00
Fred Moore. Medium size. Orange, shaded terra cotta. Can be forced from December 25th	4.30	38.00
Ibis. Very large, bright pink flowers. Popular for cutting and pans. Can be forced from Jan. 1st	4.90	44.00
Keizerskroon. Brilliant red, with gold border. Fine for forcing or bedding. Can be forced from Feb. 1st	5.70	52.00
Pink Beauty. Bright cherry-rose, with center of petals striped white	6.30	58.00
Prince Carnaval. Artistic combination of red and yellow. Can be forced from Jan. 15th	5.10	46.00
Rising Sun. Large clear yellow flower. Can be forced from Jan. 25th	4.30	38.00
Sunburst. Large flower, yellow flushed red. Can be forced from Jan. 20th	5.10	46.00
White Hawk. Large pure white globular flower. Can be forced from Jan. 1st	4.90	44.00
Yellow Prince. Golden yellow. Fine for early forcing or bedding. Can be forced from Jan. 15th	4.30	38.00

Write for prices on top size, 12 ctm. up.

MENDEL AND REMBRANDT TULIPS

TOP SIZE—12 CTM. AND UP

	100	1000
American Flag (Rembrandt). Dark red with broad white lines	\$5.70	\$52.00
Cordell Hull (Rembrandt). Red with broad white stripes. A sport of Bartigon. Good for pots. Can be forced from Jan. 15th	5.00	45.00
Her Grace (Mendel). White, broadly edged dark pink. One of the best varieties on the market. Can be forced from Jan. 1st	4.90	44.00
Vander Ereden (Mendel). Bright crimson-red. Good for pots and cut flowers. Can be forced from Jan. 10th	4.90	44.00

BOTANICAL OR SPECIES TULIPS

1ST SIZE—11 TO 12 CTM.

	100	1000
Red Emperor (Mme. Lefebvre). Fiery scarlet, with yellow-bordered, large, black base. Enormous flowers of great substance	\$5.50	\$50.00

DOUBLE EARLY TULIPS

1ST SIZE—11 TO 12 CTM.

The Double Tulips usually flower a few days later than the Single Early varieties. They are very popular for both bedding and forcing.

	100	1000
Couronne d'Or (Crown of Gold). Rich golden yellow. Ideal for pots. Can be forced from Jan. 15th	\$6.30	\$58.00
Electra (Sport of Murillo). Large, rosy violet-red flower. Can be forced from Jan. 10th	5.00	45.00
Mr. Van Der Hoef (Yellow Murillo). Rich golden yellow. Can be forced from Jan. 10th	5.00	45.00
Marechal Niel. Yellow, flushed orange; sport of Murillo. Can be forced from Jan. 10th	5.00	45.00
Murillo. White, flushed pink. Can be forced from Jan. 15th	5.00	45.00
Orange Nassau. Bright orange-red. Sport of Murillo. Can be forced from Jan. 10th	5.00	45.00
Peach Blossom. A sport of Murillo. Rosy pink, flushed white	5.00	45.00
Scarlet Cardinal. Large, dazzling scarlet. Recommended for pots. Can be forced from Dec. 10th	5.70	52.00
Schoonoord. Sport of Murillo. Pure white	5.00	45.00
Triumphator. Very large flower, deep pink sport of Murillo. Can be forced from Jan. 10th	5.00	45.00
Victory. A sport of Murillo, this is one of the outstanding reds on the market. A rich glowing scarlet	6.50	60.00
Vuurbaak. Brilliant orange-scarlet. Ideal for pots. Can be forced from Jan. 5th	5.70	52.00

Write for prices on top size, 12 ctm. up.

DOUBLE LATE TULIPS (Peony Flowered)

Excellent for Pots or Bedding Purposes

TOP SIZE—12 CTM. AND UP

	100	1000
Coxa. Carmine-red, edged vermillion, very small white border. Can be forced after Jan. 20th	\$5.70	\$52.00
Eros. Clear old rose. Very large, substantial flower	5.70	52.00
Livingstone. Medium size. Cardinal-red. Fine for pans. Can be forced from January 15th	5.70	52.00
Mount Tacoma. Enormous flower resembling double pure white Peony. Can be forced after Feb. 1st	5.70	52.00
Nizza. Red, striped yellow	5.70	52.00
Royal Yellow. Pure golden yellow	7.00	65.00
Uncle Tom. Deep glossy maroon-red shade. Can be forced from Jan. 25th	5.70	52.00

BREEDER TULIPS

TOP SIZE—12 CTM. AND UP

A May-flowering type similar to the Darwins in their tall, strong growth, but with an entirely different range of colors, running mostly to shades of bronze, terra cotta and buff.		
	100	1000
Cherbourg. Old gold shaded light bronze	\$5.70	\$52.00
Dillenburg. A brilliant salmon-orange shaded rose	4.90	44.00
Georges Grappe. Large, lavender-mauve, blue base	5.70	52.00
Indian Chief. Deep Indian red, flushed purple, edged brown with age. A fine exhibition variety	5.70	52.00
Louis XIV. Dark purple with broad, golden bronze margin	5.70	52.00

PARROT TULIPS

TOP SIZE—12 CTM. AND UP

These belong to the late-flowering class, and on account of their peculiar markings and shadings are much in demand. The petals have feathered edges, and, in addition to other colors, combine shades of green.

	100	1000
Black Parrot. Purplish black	\$5.70	\$52.00
Blue Parrot. Bright violet flushed steel-blue. Very large flower on tall, strong stem	5.70	52.00
Fantasy. Beautiful, true salmon-rose with ragged edges and fantastically shaped petals, with the outside marked apple-green; erect long stems	4.90	44.00
Orange Favorite. Bright orange, green blotches; yellow base. Very fragrant	4.90	44.00
Pierson Parrot. Enormous glossy deep blood-red flower; blue base	5.10	46.00
Texas Gold. Deep yellow edged brilliant red	6.50	60.00
Therese (Caprice). Bright cochineal-carmine, inside vivid cerise-scarlet; white center, tinted blue. Outer petals marked parrot-green. Tall stem	6.50	60.00
Violet Queen. Beautiful soft violet with white base. A Parrot Tulip of remarkable size which is carried on a tall, strong stem	6.50	60.00

SINGLE BLUE

- Bismarck.** A. Flowers large, lighter in color than Grand Maitre. Fine early forcer.
- Delft Blue.** A. The best deep blue. Wonderful for forcing.
- Grand Maitre.** B. Deep porcelain-blue; large bells and long truss.
- King of the Blues.** C. Deep dark blue. A fine, compact truss. For late forcing.
- Myosotis.** B. Light clear blue. Recommended for forcing. One of the best.
- Ostara.** A. Fine porcelain-blue. Early forcer.

SINGLE PINK AND ROSE

- Chicago.** B. Far superior to Gertrude and Marconi. Color is a deep rosy red with strong stems. Outstanding for Easter.
- Gertrude.** B. Deep rose-pink. Large, well-filled truss. Excellent for forcing.
- Lady Derby.** A. Clear rose-pink. An excellent forcer.
- Marconi.** C. Rich rose-pink, center flushed white; spike compact and of fine form.
- Pink Pearl.** A. Vivid rose; large spike and strong stem. Excellent for early forcing.
- Queen of the Pinks.** C. Good sized, bright rose-pink bells; large spike on sturdy stem. The ideal variety for late forcing.

SINGLE SCARLET

- Jan Bos.** A. Carmine-red tinted scarlet, lighter center. Good stem and flower. Early forcer. Recommended.
- La Victoire.** B. Brilliant scarlet. One of the finest red varieties, maintaining its color and excellent for forcing.

SINGLE WHITE

- Carneige.** A. Snow-white, short compact truss. Excellent for forcing and bedding.
- Edelweiss.** A. Pure white. Strong, compact spike with large bells. Fine early forcer.
- L'Innocence.** A pure white. Extra fine truss. Excellent forcer.
- Queen of the Whites.** C. Snow-white; wide-opening bells on a broad, compact spike. Extra fine for forcing.

SINGLE YELLOW

- City of Haarlem.** C. Well-formed, golden yellow bells on good spike.
- Prince Henry.** B. Clear yellow. Good forcing and bedding variety.

SIZES AND PRICES

	100	1000
Top Size (19 ctm. up)	\$15.00	\$140.00
First Size (18 to 19 ctm.)	13.00	120.00
Second Size (17 to 18 ctm.)	11.00	100.00
Third Size (16 to 17 ctm.)	9.00	80.00
Bedding Size (15 to 16 ctm.)	8.00	70.00
Miniature Size (14 to 15 ctm.)	7.00	60.00

Tips on Hyacinths

PREPARED HYACINTHS

Bring into greenhouse Dec. 1st. In sections of the country where the fall is inclined to be hot and the bulbs are retarded, bring in Dec. 15th.

Keep in the dark for 10 days. Start them at 55° first two days, raising the temperature gradually to 75 degrees. When sprouts are 4 inches long, place bulbs in a partly shaded section of the greenhouse.

REGULAR HYACINTHS

Some of the earliest varieties may be brought into the greenhouse during Christmas week, and require the same treatment as the prepared bulbs.

LATE FORCING

For late forcing they may be planted as late as Jan. 15th, and then treated in the same way as all other Hyacinths; keep in a cool place at 48° and keep moist. Six to eight weeks is usually time enough to produce sufficient roots so they can be forced in the greenhouse.

HOW TO STORE UNTIL READY TO PLANT

Unpack and keep in trays in a dry, warm place at 70 degrees. Make sure the atmosphere is dry as the slightest bit of moisture will cause them to root prematurely.

HOW TO PREVENT SPITTING OR CASTING OFF THE BUDS

1. Do not plant too early.
2. Prevent excessive moisture by providing good drainage in the plunging bed.
3. Prevent too high temperatures in plunging bed (48°, no higher).
4. When removing from outside beds be sure they are removed quickly, and the pots covered at all times, to prevent exposure to low temperatures. Be sure any temperature change is gradual.

SPECIAL NOTICE. We have exercised unusual precaution to see that our growers send us full-size bulbs as listed in centimeters; some offerings are being made at low prices under the headings of First, Second and Third Size, without reference to the measurement.

PLEASE NOTE. Original packages of Hyacinth bulbs contain the following quantities: Top size, 50 bulbs; first size, 50 bulbs; second size, third size, bedding and miniature, 100 bulbs. If possible, please order in these unit quantities.

As there is a slight variation as to the time of blooming of the various sorts, we have indicated their relative time of flowering by letters following the variety, the A's being the earliest, the C's the latest.

FRENCH ROMAN HYACINTHS

These are very useful for those who grow for their own cut-flower work; excellent for design work.

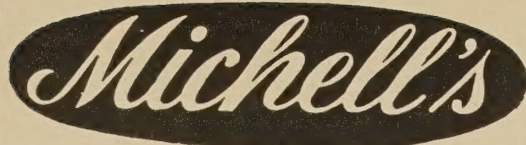
	100	1000
White. 14 to 15 ctm.	\$13.50	\$122.00
White. 13 to 14 ctm.	11.00	100.00
Light Pink. 13 to 14 ctm.	11.00	100.00
Light Blue. 14 to 15 ctm.	7.50	67.50



Hyacinths



French Roman Hyacinth



Reliable DAFFODILS

TRUMPET VARIETIES NORTHWEST GROWN

King Alfred. Golden yellow.	100	1000
DN-1. Regular. Can be forced from Dec. 15th	\$10.00	\$90.00
DN-2. Regular. Can be forced after Jan. 1st	7.00	60.00
DN-1 Precooled. Can be forced from Nov. 28th	10.50	95.00
For very early forcing we recommend American Grown King Alfred. All orders for Precooled Bulbs must reach us by August 1st.		

	Double Nose No. 1	
	100	1000
Aerolite. Perianth deep primrose, medium yellow trumpet	\$10.50	\$95.00
Flower Carpet. Deep golden yellow	10.50	95.00
Golden Harvest. Large golden yellow. Can be forced from January 5th. DN-1	15.00	135.00
DN-2	12.50	110.00
Mrs. E. H. Krelage. Pure white perianth, creamy white trumpet. Often called "White King Alfred." Can be forced from January 25th	11.50	105.00
Mrs. R. O. Backhouse. White perianth, pink trumpet	13.00	120.00
Queen of Bicolors. Pure white perianth, dark yellow trumpet. Can be forced from January 15th	15.00	135.00
Rembrandt. Large golden yellow. Can be forced from December 20th	12.50	115.00

TRUMPET VARIETIES HOLLAND GROWN

	100	1000
Beersheba. Large, pure white. Can be forced after January 20th	\$13.50	\$125.00
Golden Harvest. Large golden yellow. Can be forced from January 5th	10.50	95.00
Imperator. Large, creamy white.	10.00	90.00
King Alfred. Golden yellow. Can be forced from January 10th	9.75	87.50
Mount Hood. Ivory-white perianth, creamy white trumpet	11.50	105.00
Mrs. E. H. Krelage. Pure white perianth, creamy white trumpet. Often called "White King Alfred." Can be forced from January 25th	9.50	85.00
Queen of Bicolors. Pure white perianth, dark yellow trumpet. Can be forced from Jan. 15th	10.50	95.00
Rembrandt. Large, golden yellow	9.50	85.00
Spring Glory. Perianth white, trumpet yellow. Can be forced from January 15th	10.00	90.00

Tips on Daffodils

If at the time bulbs are brought into the greenhouse the flower bud is not visible it is necessary to place flats or pots under the benches (but not dark) at a maximum temperature of 50 degrees; after buds are showing, place on top of bench and raise temperature to 60 degrees for best results. It is advisable to remove foliage of small shoots which do not show a flower bud.

Just before buds open they should be sprinkled lightly, but when in bloom cut down on the water.

PRECOOLED DAFFODILS

The treatment of precooled Daffodils is the same as the regular. It is very important however, that precooled bulbs be planted promptly upon arrival, and be kept as cool as possible; otherwise you will lose all advantage of the precooling.

For best results, the regular King Alfred should not be planted before October 1st.

The forcing dates indicated on the various varieties is the date bulbs may be brought in the greenhouse to start forcing.

OTHER TYPES HOLLAND GROWN

	Double Nose No. 1	
	100	1000
Actaea (Poeticus). Large, perianth pure white, yellow cup edged fiery red. Can be forced after Jan. 25th	\$ 7.50	\$67.50
Carlton (Large Cupped). Perianth sulphur-yellow, clear yellow cup. Can be forced after January 10th	8.50	75.00
Cheerfulness (Double Poetaz). Creamy white. Can be forced after January 25th	7.50	67.50
Dick Wellband (Large Cupped). Perianth pure white, cup bright orange-red. Can be forced after Jan. 20th	8.50	75.00
Fortune (Large Cupped). Perianth deep yellow, trumpet shaped orange cup. Can be forced after January 16th	9.50	85.00
Francisca Drake (Large Cupped). Pure white perianth, orange-red cup. Can be forced after January 25th	8.50	75.00
Geranium (Poetaz). Large perianth pure white, cup deep orange-red. Medium late	8.50	75.00
John Evelyn (Large Cupped). Perianth pure white, large frilled cup, flushed apricot. Can be forced after January 25th	7.50	67.50
La Fiance (Poetaz). Medium large. White perianth, light orange cup. Can be forced after January 1st	8.75	77.50
Laurens Koster (Poetaz). Medium size. Perianth white with yellow cup. Can be forced after January 15th	7.50	67.50
Scarlet Elegance. (Large cupped). Deep yellow perianth with deep orange-red cup. Can be forced after Jan. 15th	8.50	75.00
Texas (Double). Large. Yellow and fiery orange. Ideal for pots for Valentine's Day. Can be forced from January 15th	9.75	87.50
Thalia (Triandrus Hyb.). Large, snowy white. 3-4 flowers to a stem. Ideal for pots for late forcing	11.00	97.50
Twink (Double). White and orange. Can be forced after January 10th	9.00	82.50
Mixed for Naturalizing. Includes all colors and types.		
DN-1	7.50	72.50
DN-2	6.50	62.50

NARCISSUS PAPER-WHITE GRANDIFLORA (French Grown)

Imported (Ready in September)

Although not grown in such large quantities as in former years by commercial growers, there is still a big demand for growing in pebbles and water and every florist should carry them for resale. Every retail florist with greenhouses should grow at least one or two cases throughout the season.

15/16 ctns.	} WRITE FOR PRICES
14/15 ctns.	
13/14 ctns.	

Special prices on lots of 5 cases or more.

GRAND SOLEIL D'OR (Yellow Paper-White)

WEST COAST GROWN

	100	1000
18/20 ctns.	\$10.50	\$90.00
16/18 ctns.	8.50	75.00
14/16 ctns.	7.00	60.00

Standard Varieties

	6 /7 ctm.	7 /8 ctm.	8 /9 ctm.
	100	1000	100 1000
Golden Harvest. One of the best yellows	\$2.75	\$21.50	\$3.75 \$35.00
Imperator. Deep blue	2.25	18.00	3.00 26.50
White Excelsior. Large pure white	2.75	21.50	3.75 35.00
White Superior. Extra large white, sulphur stripe	2.75	21.50	3.75 35.00

All the above respond well to precooling.

Outstanding Varieties

	7 /8 ctm.	8 /9 ctm.
	100 1000	100 1000
Moonlight. Light yellow, early forcer. One of the best new light yellows	\$3.75 \$35.00	\$5.50 \$52.00
Pacific Gold. Deep yellow, vigorous grower. Excellent forcer. In our estimation, will eventually supersede Golden Harvest	3.75 35.00	5.50 52.00
Royal Blue. Strong grower, dark blue, good forcer	3.00 26.50	4.00 35.00
Van Vliet. Light blue, good forcer, strong grower. Blooms in between Wedgewood and Imperator	3.00 26.50	4.00 35.00
White Perfection. Pure white, strong grower, long stems. One of the best whites for all around purposes	3.75 35.00	5.50 52.00

All the above respond well to precooling.
May be had in flower from February 15th on.

Special Collection

1000 Northwest Grown Dutch Iris Bulbs

For the grower who wants a complete range of color in limited space. We offer 250 bulbs each of the following:

Moonlight. 8-9 ctm.	Prof. Blaauw. (Blue Ribbon). 10 ctm. up.
Pacific Gold. 8-9 ctm.	White. (Our Selection). 8-9 ctm.

Your cost, \$49.50. Precooled for November delivery, \$51.00.

AMARYLLIS

Michell's American Hybrids

Ready for Delivery October through April

We consider this strain one of the best on the market. Every florist should grow some of these, as there is a tremendous demand for them as a pot plant as well as for dry sales.

	10	25	100
3 1/2-3 3/4 inch	\$5.75	\$13.50	\$50.00
3 -3 1/4 inch	4.00	8.75	33.00
2 1/2-2 3/4 inch	2.50	5.50	20.00

Michell Dutch Hybrids

(Delivery November-March)

We can offer a limited number per customer of these named to color bulbs. An extra select strain of truly magnificent bulbs that produce gigantic flowers. Available in White, Scarlet, Salmon, Orange, Pink and Striped.

	10	25
30-32 ctm. bulbs	\$23.50	\$56.25

IMPORTANT FLOWER DATES

Easter April 21, 1957

Mother's Day May 12, 1957

WEDGEWOOD

The best forcing Iris on the market. Standards dark blue with falls of lighter blue. The larger sizes can be had in bloom in January.

	100	1000
8 1/2 to 9 ctm.	\$2.50	\$20.00
9 to 10 ctm.	4.00	35.00
10 to 12 ctm.	6.25	58.00

Orders for precooled Iris must reach us not later than August 1st.

TIPS ON FORCING NORTHWEST WEDGEWOOD IRIS

By Neil W. Stuart and Charles J. Gould

DO's

DO—FOR EARLY FORCING USE ONLY:

Top-sized bulbs (10 ctm. and up).
Heat-cured bulbs (10 days at 90°).
Precooled bulbs (6 weeks at 50°).

DO—Plant immediately after precooling.

DO—Plant under cool conditions.

DO—Use a soil of average fertility.

DO—Allow at least 9 square inches (3" x 3") per plant.

DO—Use flats at least 4 inches deep.

DO—Use lower temperatures during cloudy weather.

DO—Give good ventilation.

DON'TS

DON'T—Use heat-cured bulbs for late plantings.

DON'T—Store bulbs in a warm room after precooling.

DON'T—Delay planting longer than 5 days after precooling.

DON'T—Plant heat-cured bulbs in warm soil.

DON'T—Force in shaded locations.

DON'T—Let the soil become dry.

DON'T—Force at too high temperatures, particularly soon after planting.

Not over: 50° F. for 8 1/2 to 9 ctm.

53° F. for 9 to 10 ctm.

55° F. for 10 to 11 ctm.

58° F. for 11 to 12 ctm.

BEGONIAS - Tuberous Rooted

(December-May Delivery)

Start forcing January, February or March, depending on when you want them to flower. Place bulbs in flats, using light porous soil, covering them to a depth of 1 inch above the bulb. Be careful in watering, keeping the soil just moist, too much water will rot the bulbs.

Transplant to 4-inch pots when plant begins to develop. If wanted in larger pots, shift when well rooted.

DOUBLE CAMELLIA-FLOWERED

BELGIAN GROWN

Delivery—December, January.

Orange, Pink, Salmon, Rose,
Scarlet, Yellow, White,
and Mixed

PRICES

	Per 25	Per 100	Per 1000
1 1/2-2 in.	\$3.00	\$11.00	\$ 95.00
2-2 1/2 in.	4.50	16.00	145.00

CALIFORNIA GROWN

Delivery—January-February

White, Pink, Scarlet, Orange,
Yellow, Salmon, Apricot
and Mixed

PRICES

	Per 25	Per 100	Per 1000
1 1/2-2 in.	\$4.00	\$15.00	\$140.00
2-2 1/2 in.	5.25	19.50	185.00

DOUBLE CARNATION-FLOWERED

CALIFORNIA GROWN

Red
Orange

Pink
White
Mixed

Salmon
Yellow

	25	100	1000
1 1/2-2 in.	\$4.00	\$15.00	\$140.00
2 -2 1/2 in.	5.25	19.50	185.00

PENDULA or HANGING BASKET TYPE

(California Grown)

Available in mixed colors only.

1 1/2 to 2 inches: 25 for \$4.00; \$15.00 per 100; \$140.00 per 1000.
2 in. up: 25 for \$5.25; \$19.50 per 100; \$185.00 per 1000.

SINGLE CRISPA or FRILLED, MIXED

(California Grown)

1 1/2 to 2 inches: 25 for \$4.00; \$15.00 per 100; \$95.00 per 1000.
2 in. up: 25 for \$5.25; \$19.50 per 100; \$185.00 per 1000.

Michell's

Fancy
Leaved

CALADIUMS

Order Now For June To September Planting

The popularity of Caladiums has increased rapidly in the past few years and we feel confident it will continue. Demand for a number of the better varieties was so great, this season, that even with a large crop, many varieties are now sold out.

Caladiums are not only being used more for Easter and Mother's Day, but many growers are planting them every month from December till September. Bulbs planted after June 1 are usually salable within 6-8 weeks.

Caladiums are of special interest to us, as we inspect our Florida growing fields four or five times each year. Our Caladium Garden at the 1956 Philadelphia Flower Show was viewed by over 100,000 people. There was great interest shown by the home-owner in outdoor varieties such as Festivia Aaron, Lee Stokes, Mrs. Fred Saunders and White Princess.



FANCY-LEAVED CALADIUMS

Summer Planting Is Best - For Potted Plants or Garden Use

NEW VARIETIES

We are in constant search for better varieties, a number are now being offered. These have been carefully tested and found to be a desirable addition.

CARE OF BULBS

Caladium bulbs are very sensitive to cold temperatures. It is imperative in cold weather when your bulbs are received they be removed from the carton and packing material immediately, and spread thinly in a warm location with good air circulation. JUST TO BE PLACED IN A WARM LOCATION WITHOUT UNPACKING MAY BE MORE HARMFUL THAN TO LEAVE COOL, because in warming rapidly a Caladium bulb collects moisture and unless it is exposed so that the atmosphere may absorb the moisture, mold and decay begin immediately.

POT CULTURE

The Caladium is a tropical plant and naturally grows best in very warm temperatures, 70 degrees or more. They will grow in lower temperatures, but as the growing temperature is lowered performance is proportionately less

desirable in growth and coloration to the point of intolerance.

Caladiums are heavy feeders and seem to grow best in a soil with a pH of 5.5 to 6 and with sufficient organic matter to prevent its packing and sealing to the point of locking out air circulation. The pot soil should be loose and fluffy even after continuous and frequent watering during the growing period. A mixture of equal parts of coarse sand, peat or leaf mold, and dairy manure has been found satisfactory.

GARDEN CULTURE

The Fancy Leaved Caladium thrives best in outside plantings during the summer months in areas where humidity is not too low. It should be planted in an area of semi-shade, or a place where it is protected from the warm mid-day sun.

The bed should be spaded to a depth of 8 or 10 inches, a part of the soil removed and replaced with peat and/or dairy manure. A light application of commercial fertilizer is desirable. Mix the soil thoroughly. Bulbs should be planted to such a depth that the top of the bulb will be 1½ to 2 inches below the surface.

The following is a selected list of the best Caladiums available. Grow the varieties used by the most successful florists throughout the country.

Varieties offered subject to being sold out at time of your order.

Aaron. A new variety. First leaves are tall but later leaves come to develop a very nice pot plant. Cream-white with green border.

Candidum. Very popular white variety with green veins and ribs.

Dr. Groover. A good pink, low growing adequate leafer, very colorful. It is recommended for potting.

Dr. T. L. Meade. Sometimes called Blaze. A striking red, recommended for inside or outside use.

Fannie Munson. Generally acclaimed to be the most beautiful pink, by all who see it.

Festivia. An unusual shade of red coloring with netted green veins. Midribs are very darkest red to purple.

Freda Hemple. One of the most outstanding red Caladiums. It is low growing, heavy leafer, with live, vivid color that catches the eye.

Fred Bause. A different red, that is low growing and leafy. Outstanding in trial tests.

Itacapus. A very fine red highly recommended for inside planting, but not desirable outside.

Lee Stokes. Unique green and white coloring. A good leafer.

Miss Chicago. One of the finest pink varieties.

Mrs. F. Sanders. Large leaved, vigorous pink and green variety.

Pink Beauty. A low growing pink leafy variety that shows fine color when healthy growth is induced.

Pocile Anglais. It is a low growing, heavy leafing red variety that we recommend most highly for potting.

Spangled Banner. The most popular red splotched variety. It is low growing and shows best color inside or out with the first leaf.

Thomas Tomlinson. A low growing, very leafy outstanding red and green variety.

White Princess. Medium small leaves have snow-white center with sea-green ribs and border. Border flecked with white. Low growing, recommended for pot culture.

	25	100	1000
Mammoth. 3½ in and up	\$10.00	\$37.50	\$350.00
Jumbo. 2½ to 3½ in.	7.50	27.50	260.00
No. 1. 1½ to 2½ in.	5.00	18.00	170.00
No. 2. 1 to 1½ in.	3.00	11.00	100.00

Write for Illustrated Color Folder with Complete List of Varieties.

New Crop Ready in December.

Caladium are now being grown successfully outside as far north as Detroit, Michigan. They should be a profitable venture in any location where there is as much as three months during the summer when the temperature does not drop below 60 degrees.

PLANTING

Many growers are now using a number of small bulbs in the larger pots instead of one large one. This practice increases cost, but results in a quicker, leafier pot that can be sold earlier and for more money than where a single bulb is used and the grower must wait for development of secondary eyes before marketing.

Another practice is the destruction of the major eye of the bulb before planting. This is done simply by reaming the main eye out of the meat of the bulb, either with a knife or small reaming tool. The destruction of this major eye prevents the growth urge of the bulb being satisfied through this main eye. The result is the development of secondary eyes, and more, but usually smaller leaves. This practice is not recommended unless the grower has a very warm house where rapid growth can be induced.

Order From the Firm That Knows the Best and Newest Varieties

ANEMONE

Ready in October

Do not attempt to force or over-water. Should flower the latter part of March or early in April.

	100	1000
Blue Poppy. A choice selection of blue shades. Large, thick-petaled, poppy-shaded blooms on long stems appear at a time when this color is scarce	\$4.00	\$35.00
De Caen. Single French. Mixed colors	3.50	28.00
His Excellency. Large-flowering Poppy Anemone. Deep scarlet; thick petals; long stems	4.00	35.00
St. Brigid. Semi-double; various colors	4.00	35.00
The Bride. New. Large, pure white flowers with white centers	4.00	35.00

CHIONODOXA - Glory-of-the-Snow

	100	1000
Luciliae. Porcelain-blue	\$2.00	\$13.50
Sardensis. Deep blue	2.00	13.50

CROCUS

9-10 Ctm.

Baron von Brunow. Blue	\$2.50	\$20.00
Enchantress. Clear porcelain-blue; large flowering	2.50	20.00
King of the Blues. Purple	2.50	20.00
King of the Whites. Giant blooms, pure white	3.00	25.00
Striped Beauty. White flower, striped dark mauve	2.50	20.00
Yellow Mammoth	3.00	25.00
Giant Named, Mixed	2.75	22.50

FREESIAS

Marie

Pat. No. 609

This gorgeous pure white Freesia has all the qualities that the retail florist and greenhouse grower has been seeking in Freesias.

Immense wide open flowers, pure white with a soft touch of yellow in the throat. Healthy and vigorous. Growers report cutting blooms from Jan. 15th until March 10th as the laterals produce flowers with stems of commercial length.

	100	1000
First-size bulbs, 1/2 to 3/8 in.	\$2.50	\$20.00
Mammoth bulbs, 3/8 to 3/4 in.	3.50	30.00
Top-size bulbs, 3/4 to 7/8 in.	4.50	40.00

FREESIAS - Tecolote Hybrids

Flowers of immense size, wide open and delightfully fragrant. Plants of unusual strength and vigor.

Pure White	Pink	Blue		
Light Yellow	Bright Red	Lavender		
			100	1000
First-size bulbs, 1/2 to 3/8 in.			\$2.50	\$20.00
Mammoth bulbs, 3/8 to 3/4 in.			3.50	30.00
Top size bulbs, 3/4 to 7/8 in.			4.50	40.00

Giant White (Elder's). Patent No. 17. Giant pure white blooms, with long stems.

Mammoth Yellow. Similar to Improved Golden Daffodil. Very early.

Talisman. Patent No. 555. Bright salmon-pink with rich cream throat. Early.

Prices on above 3 varieties:	100	1000
First-size bulbs, 1/2 to 3/8 in.	\$2.50	\$20.00
Mammoth bulbs, 3/8 to 3/4 in.	3.50	30.00
Top size bulbs, 3/4 to 7/8 in.	4.50	40.00

Rainbow Mixture.		
First-size bulbs, 1/2 to 3/8 in.	2.00	17.50
Mammoth bulbs, 3/8 to 3/4 in.	3.25	28.00
Top size bulbs, 3/4 to 7/8 in.	4.50	40.00

BABY GLADIOLUS for Forcing

(Ready in October)

American Grown

An extremely popular flower of marvelous grace and beauty.

	100	1000
Peach Blossom. Soft pink	\$6.00	\$50.00
Spitfire. Deep reddish salmon	6.00	50.00
The Bride. Pure white	6.00	50.00

GLOXINIAS

(November-March Delivery)

An ideal pot plant for Easter, Mother's Day, Decoration Day, or for spring bedding, as they always command a good price.

Start bulbs in 4-inch pots using a mixture of leaf mold, sand, and a little well-rotted cow manure with good bottom heat. As the leaves appear keep shaded and be very careful with the watering. It might be safer to use a watering can and examine each plant and do not water unless necessary. However, they like a moist soil, so make sure they do not get dry. Keep leaves dry although on a hot day they may be moistened early in the morning, but do not wet them every day or you will lose them. While they want a little shade do not overdo it or you will get all foliage and no flower.

Blanche de Meru. Pink.

Emperor Frederick. Red, striped white.

Emperor William. Purple, striped white.

Etoile de Feu. Scarlet.

Mont Blanc. White.

Roi des Rouges. Dark crimson.

Tigrina. Tigered and spotted.

Viola. Purple.

Choice Mixed Colors

	25	100	1000
1 1/2 to 2 in.	\$4.50	\$16.00	\$150.00
2 to 2 1/2 in.	6.00	22.50	210.00

ENGLISH IRIS (Hardy)

While this is not a forcing Iris, it is one of the finest cut-flower sorts known and should be grown outside by every lover of this beautiful flower. It is hardy, easy to grow, a sure bloomer, and its flowers are of striking color.

	25	100
Mixed	\$2.00	\$7.00

LEUCOJUM

Vernum. Spring Snowflake. A fine, hardy, spring-flowering bulb with flowers like a Snowdrop, but larger.

100, \$5.00; 1000, \$45.00

MUSCARI - Grape Hyacinths

	100	1000
Armeniacum. Blue	\$2.25	\$14.00
Plumosum. Feathered Hyacinth. Handsome, feathery plumes of violet-colored flowers. Ideal for the rock garden	25 for \$1.50	5.00 45.00

ORNITHOGALUM

Arabicum. Star of Bethlehem. An attractive flowering bulb for either indoor or outdoor culture. Petals pure white, streaked light green, with black flower center. For indoor culture, treat like Hyacinths.

25, \$1.75; 100, \$6.00; 1000, \$55.00

OXALIS

	100	1000
Bowei. Pink	\$3.50	\$30.00
Buttercup. Yellow	3.50	30.00
Grand Duchess. Lavender	3.50	30.00
Grand Duchess. White	3.50	30.00

RANUNCULUS

This is the last word in Ranunculus, developed by careful selection of the finest flowers from all the latest improved strains.

Tecolote Giants

Red Shades
Yellow Shades

Pink Shades
Orange Shades

White Shades
Mixed

Each of the above: 100, \$5.00; 1000, \$45.00

SCILLA - Squill

Excellent for planting around beds of Tulips, Hyacinths, or Daffodils. Also do well if planted indoors in pots or pans.

	100	1000
Campanulata alba. Pure white	\$3.00	\$25.00
Campanulata rosea. Delicate pink	3.00	25.00
Campanulata, Blue	3.00	25.00
Sibirica, Blue. Mammoth bulbs, 8-9 ctm.	3.00	25.00
Spring Beauty. Large; light blue, 9-10 ctm.	4.50	40.00

SNOWDROP - Galanthus

Beautiful early-flowering bulbs for edging bulb-beds or for planting in masses.

	100	1000
Nivalis Single. Pure white	\$3.00	\$27.50

SPARAXIS

Mixed. Free flowering plants bearing giant flowers, brilliantly colored. Graceful spikes with wiry stems. Excellent for greenhouse culture.

	100	1000
Jumbo Bulbs	\$3.50	\$32.50

We have been handling Lily bulbs since 1890, and have always been praised for our high quality bulbs. This past year, we have received excellent comments from our customers throughout the country on our excellent strain of Croft Lilies.

If you have not had any of our Croft Lilies in the past few years, try a case for Easter, 1957. We are sure you will be pleased with the results.



Croft Lilies

CROFT LILIES

Without a doubt, Croft is one of the finest and most satisfactory Lilies for Easter. It is dwarf in habit, with sturdy plant and luxuriant foliage. Free flowering, with enormous, well-developed blooms of long-lasting quality. An ideal Easter Lily.

Croft Lily is tops with most growers. Bulbs will be available in the following sizes and packs:

7 to 8 in., 250 bulbs per case	} Prices on Application
8 to 9 in., 200 bulbs per case	
9 to 10 in., 150 bulbs per case	
10 in. up, 100 bulbs per case	

ACE LILIES

Similar in color and habit to the Croft Lily with luxuriant darker green foliage. A very strong grower and prolific bloomer.

7 to 8 in., 250 bulbs per case	} Prices on Application
8 to 9 in., 200 bulbs per case	
9 to 10 in., 150 bulbs per case	

ESTATE LILIES

Highly recommended for cut flowers for spring, summer, and fall. Free flowering, tall, with flowers equal to the Croft. Allow 10 days more than required for Croft for forcing.

7 to 8 in., 250 bulbs per case	} Prices on Application
8 to 9 in., 200 bulbs per case	
9 to 10 in., 150 bulbs per case	

GEORGIA LILIES

Large trumpets of pure white, heavy texture. Tall and strong growers. Very free flowering; produces lots of blooms even from small bulbs. Likes cool temperatures. Ideal for cut flowers.

6 to 7 in., 200 bulbs per case	} Prices on Application
7 to 8 in., 150 bulbs per case	
8 to 9 in., 125 bulbs per case	

ERABU LILIES

Our Erabu Lilies were outstanding this past season. We are in a position to ship in September for early cut flowers at any date you may specify.

7 to 9 in., 300 bulbs per case	Case
8 to 10 in., 225 bulbs per case	\$39.00
9 to 10 in., 200 bulbs per case	37.00
10 to 11 in., 150 bulbs per case	37.00
	35.00

ALL PRICES SUBJECT TO MARKET CHANGES

Lily Culture

Our bulbs are grown in fields which are constantly checked by our representative who lives and works in the "Croft Lily Country." They are very generously graded and you may be sure of getting the exact size you ask for.

They are stored at the proper temperature to assure your securing the highest possible bud count. We suggest you allow 120 to 130 days at 60 degrees Fahrenheit, for best results; in the South allow 110 days.

Precooled bulbs should be planted as soon as they are received.

Buds should be about one inch long 6 weeks before Easter. If buds are larger than this 6 weeks before being sold, drop the temperature slowly; any sudden change may tend to check them and make them very slow to respond to higher temperature later if necessary. If buds are not visible at this time raise temperature 70 to 75 degrees day and night. Flower buds should be turned down at least two weeks before Easter. Any temperature changes should be gradual. Water more frequently if temperatures are higher, but never have above 75 degrees during the day.

FOR SHORT AND EVEN LILIES

Give plants plenty of light, keep glass clean; shading causes stretching. Give plants plenty of space as crowding will cause shading and stretching. Water carefully; too much encourages soft tall growth; too little and you will suffer bud blast.

Fertilize often but lightly, every week after plants reach a height of two inches with a balanced fertilizer high in nitrogen which helps to avoid "leaf spot."

Put bulbs about two inches from bottom of pot so there is plenty of soil above the bulb for the stem or feeding roots. Be sure soil level is the same in all pots, approximately 3/4 inch from top of pot in order to assure equal quantity of water. This treatment encourages even growth and means less shifting later.

FLORIDII LILIES

This strain is grown by one of the most reliable growers in Florida. Allow plenty of space and light, as lack of light has been found to cause bud blasting and splitting.

6-7 inch (300 to case)	} Prices on Application
7-8 inch (250 to case)	
8-9 inch (200 to case)	

GIGANTEUM LILIES (Japan)

Fine white trumpet Lily for forcing. Especially suited for late flowering out of cold storage.

	Case
7 to 9 in., 300 bulbs per case	\$45.00
8 to 10 in., 225 bulbs per case	45.00
9 to 10 in., 200 bulbs per case	48.50

AURATUM LILIES (Gold-Band Lily)

Pure white spotted crimson marked in the center with a band of yellow. Fragrant.

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	6.75	25.00	32.50
10 to 11 inch, 100 bulbs per case	8.75	32.50	32.50
11 to 13 inch, 90 bulbs per case	11.00	40.00	32.50

SPECIOSUM RUBRUM LILIES

(Japanese-Grown—New Crop)

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	7.50	27.50	35.00
10 to 11 inch, 100 bulbs per case	9.75		35.00
11 to 13 inch, 90 bulbs per case	10.50		35.00

REGALE LILIES

	25	100	Case
7 to 8 inch, 250 bulbs per case	\$3.00	\$10.00	\$18.50
8 to 9 inch, 200 bulbs per case	3.50	12.50	22.50
9 to 10 inch, 150 bulbs per case	5.00	17.50	21.00
10 to 11 inch, 100 bulbs per case	5.75	20.00	20.00

Michell's Selected Lily Bulbs

CANDIDUM

Madonna, Annunciation or St. Joseph's Lily

They produce plants of strong, healthy growth, free from disease, and bear an abundance of thick-petaled flowers.

NORTHERN FRENCH GROWN

	Late August Delivery	25	100	1000
20 to 22 ctms. (7 to 8 in.)		\$3.75	\$13.50	\$128.00
22 to 24 ctms. (8 to 9 in.)		4.50	16.50	152.00
24 to 26 ctms. (9 to 10 in.)		5.50	20.00	176.00
26 to 28 ctms. (10 to 11 in.)		7.00	25.00	211.00
28 to 30 ctms. (11 to 12 in.)		8.50	30.00	267.00

HARDY LILIES

The hardy native Lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity. 25 100 Case

Henryi. Yellow Speciosum. 8 to 9 in. 200 bulbs per case	\$6.00	\$22.50	\$40.00
9 to 10 in. 140 bulbs per case	8.50	32.50	40.00

Pardalinum Giganteum (Sunset). Bears 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson	5.75	21.50	1000
---	------	-------	------

Philippinense Formosanum. Autumn-flowering type. It blooms profusely and its very fragrant, pure white flowers resemble an Easter Lily.			
4 to 5 in.	3.00	10.50	\$95.00
5 to 6 in.	4.00	13.50	125.00

Tenuifolium. Coral Lily. 1½ feet, with clusters of brilliant scarlet, star-like flowers on wiry stems.			1000
3 to 3½ in. size	3.00	10.00	\$90.00
3½ to 4 in. size	3.50	12.00	100.00

Above 4 Varieties Ready for October Delivery.

Lily-of-the-Valley Pips

Outdoor planting only. (Ready October-April).
25 for \$1.25; \$4.00 per 100; \$37.50 per 1000

CALLA LILIES

Capitola White Giant

(Ready in September)

This Calla is very free-flowering, producing easily double the number of blooms of Aethiopia. The blossom is very different in shape and much larger. The spathe opens wide and flat, similar to an Anthurium. The flowers are often 8 to 10 inches across.

The flowers are a pure white. The foliage is luxuriant and very broad—some leaves measure 18 inches across and over 24 inches long. The largest size bulb will average about 1½ inches in diameter—even extremely small bulbs bloom well the first year.

	10	25	100
No. 1	\$6.00	\$12.50	\$47.50
No. 2	4.00	8.75	32.50

White Calla (Aethiopia)

(Ready in September)

	100	1000
Clean, healthy bulbs		
1¼ to 1½ in. diameter	\$ 9.50	\$ 85.00
1½ to 1¾ in. diameter	16.00	150.00
1¾ to 2 in. diameter	21.00	200.00
2 to 2½ in. diameter	28.50	275.00

Baby Calla, Pink

(Ready in November)

Grows about a foot tall, with long-lasting, rose-pink flowers.

2 to 2½ in. diameter: 10 for \$3.25; 25 for \$7.00; 100 for \$25.00.

Yellow Calla (Elliottiana) (True)

(Ready in November-December)

	100	1000
1¾ to 2 in. diameter	\$15.00	\$125.00
2 to 2½ in. diameter	17.50	160.00
2½ to 3 in. diameter	31.00	300.00
3 to 3½ in. diameter	50.00	400.00

Spotted Calla

(Ready in November-December)

Flowers white. Foliage green, spotted white.

Large Bulbs. 2 to 2½ in. diameter. 100, \$17.50; 1000, \$160.00

Michell's Lawn Seed Mixtures

"40% MERION MIXTURE"

For a lawn that stays greener in the summer, produces a thicker turf and withstands closer mowing. Will plant 2½ times the area of regular grass seed.

Lb. (24 per case) \$46.55; retail, \$2.90. 5 lbs. (12 per case) \$108.00; retail, \$13.50. 25 lbs. \$43.00; 100 lbs. \$170.00

"GREEN VELVET"

A blend of strong and permanent grasses suitable for the finest lawn. With proper care this mixture will produce a fine, deep-rooted turf, sturdy enough to withstand constant use.

Lb. (24 per case) \$24.00; retail, \$1.49.
5 lbs. (12 per case) \$57.25; retail, \$7.15.
25 lbs. \$17.85; 100 lbs. \$69.35.

"EVERGREEN"

This mixture will produce a very desirable turf of fine-bladed, hardy grasses capable of withstanding considerable wear and periodic dry spells.

Lb. (24 per case) \$19.20; retail, \$1.20.
5 lbs. (12 per case) \$45.25; retail, \$5.65.
25 lbs. \$7.85; 100 lbs. \$69.35.

"FAIRMOUNT PARK"

A mixture meeting the requirements of those desiring a moderately priced grass seed. Satisfactory for the average lawn.

Lb. (24 per case) \$12.75; retail, 79c. 5 lbs. (12 per case) \$29.15; retail, \$3.65. 25 lbs. \$11.20; 100 lbs. \$42.70.

"SHADED LAWN"

Will produce a healthy turf in heavily shaded places where other grasses may not survive.

Lb. (24 per case) \$20.90; retail, \$1.30. 5 lbs. (12 per case) \$49.20; retail, \$6.15. 25 lbs. \$19.50; 100 lbs. \$76.00.



WHITE DUTCH CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired.

¼ lb. (24 per case) \$9.60; retail, 59c. ½ lb. (24 per case) \$15.60; retail, 98c; lb. (12 per case) \$14.30; retail, \$1.79. 5 lbs. \$5.70; 10 lbs. \$10.70; 25 lbs. \$25.00.

Grasses in Separate Varieties

10 lbs. 25 lbs. 100 lbs.

Seaside Bent , Certified Blue Tag			
Highland Bent , Certified Blue Tag			
Colonial Bent , Certified Blue Tag			
Kentucky Blue Fancy	\$7.00	\$17.00	\$66.00
Merion Blue	(prices on request)		
Kentucky-31 Fescue	2.70	6.25	23.00
Chewings Fescue	4.10	9.75	37.00
Creeping Red Fescue	3.90	9.25	35.00
Meadow Fescue	3.30	6.75	29.00
Poa Trivialis	5.40	13.00	50.00
Red Top Fancy	7.90	19.75	75.00
Rye, Domestic	2.30	4.50	13.00
Rye, Perennial	3.00	6.25	20.00
Timothy	3.00	7.00	25.00

Special Quantity Prices Will Be Given on Large Orders.

ALL PRICES SUBJECT TO MARKET CHANGE.

MEYER 2-52 ZOYSIA

The Amazing New Plug-In Lawn Grass

Write for discounts and dealer program.

Michell's attractively packaged Lawn Seed is being sold by an increasing number of florists throughout the country every year. This is a very popular and profitable item to handle in the spring and fall. Sell a product put out by one of the largest, oldest and most dependable seed houses in America.

Write for dealers' prices on insecticides, fertilizers and lawn conditioners. Remember Michell's have "Everything for BETTER Gardening."

FLORIDA'S and CALIFORNIA'S BEST GROWERS

Aglaonema Commutatum	100	
2 1/4-in. pots, 4-8 leaves	\$27.50	
Aralia Sieboldi	100	
Seedlings. (2 1/4-in. size.) Shiny deeply cut foliage on slender trunk	\$6.75	

Boxwood	100	1000
Transplants		
Select	\$6.25	\$57.50
Extra select	7.25	67.50

Chinese Evergreen	100	1000
Rooted Cuttings		
3-5 in., 3-6 leaves	\$10.00	\$75.00
4-6 in., 4-6 leaves	12.50	100.00
5-7 in., 4-7 leaves	15.00	120.00
6-8 in., 5-7 leaves	22.50	200.00
8-10 in., 6-8 leaves	27.50	250.00
10-12 in., 6-9 leaves	32.50	300.00

Crotons	100	
2 1/4-in. pot size	\$27.50	
2 1/2-in. pot size	37.50	
3-in. pot size	55.00	

Cryptanthus	100	
Rooted cuttings	\$11.00	
Unrooted cuttings	9.00	

Dieffenbachia	Less Than	100
50—Each	\$0.55	\$50.00
Amoena. Unrooted tips, 4 leaves, 4-in. pot size		
Rooted plants	.80	75.00

Dracaena	100	
Godseffiana. Rooted cuttings, 5-9 leaves	\$11.00	
Godseffiana. 2 1/4-in. pots	16.00	
Massangeana. 3-in. pots	37.50	
4-in. pots	55.00	
Sanderiana. Rooted cuttings, 5-10 leaves	16.00	
2 1/4-in. pots	22.00	
Warneckii. 3-in. pots	55.00	
4-in. pots	70.00	
Mme. Eugene Andre. 3-in. pots, 6-10 leaves	50.00	
Tri-Color. 3-in. pots, 6-10 leaves	40.00	

Euonymus	100	1000
Pulchulus. Rooted Cuttings	\$5.75	\$52.50
Albo Marginatum. Rooted Cuttings	5.75	52.50

Fatshedera	100	1000
Leitzei. Rooted cuttings	\$ 7.50	\$ 70.00
Transplants	11.50	110.00
Variiegated	17.00	

Ficus	10	100	1000
Pandurata. 4-inch pots—4-6 leaves	\$ 9.00	\$ 80.00	
4-inch pots—9 leaves up	15.50	125.00	
Elastica. 4-inch	6.00	52.50	
Moss cuttings. 6-8 leaves		35.00	320.00
Doescheri. Moss cuttings. 6-8 leaves		45.00	400.00
4-inch pots	9.00	80.00	

Fittonia	100	1000
Argyroneura. Rooted cuttings	\$10.00	\$85.00

Maranta Kerchoviana	100	1000
Rooted cuttings, 3-5 leaves	\$10.00	\$ 80.00
2 1/4-inch pots	16.00	150.00

Nephtytis	100	1000
Emerald Gem. Rooted cuttings, 4 leaves up	\$ 7.00	\$ 60.00
2 1/4 inch	11.00	100.00
Variiegated—Green Gold		
Rooted cuttings	7.00	60.00
2 1/4 inch	16.00	150.00

Neanthe Bella Palms	100	1000
Seedlings	\$ 5.50	\$ 45.00
Transplants	7.50	65.00
2-inch pots	16.00	150.00

Peperomia	100	1000
Ohtusifolia. Green.	\$ 32.50	
Rooted cuttings	7.00	60.00
2 1/4 inch	11.00	100.00
Variiegated. Rooted cuttings, select stock	12.00	100.00
2 1/4 inch	16.00	150.00

Please Note:

FOLIAGE PLANTS are shipped from several growers. Minimum order potted plants, 50; Rooted Cuttings, 100; Unrooted Cuttings, 500. Except where 10 rate is given, 1000 rate applies on 500.

Philodendron - Cordatum	100	1000
Propagating eyes, selected leaves	\$ 12.50	
Leaf and started eyes		35.00
Rooted cuttings, large leaves, 2-3 leaves	\$5.00	40.00
Rooted cuttings, large leaves, 3-5 leaves	6.50	60.00

SPECIAL		
PHILODENDRON CORDATUM	100	1000
2 1/2-inch pot, 3 and 4 plants per pot	\$26.00	\$240.00
Delivered price anywhere in U.S.A., 500 at 1000 rate.		
Minimum order, 50.		

Philodendron - Large Leaf Varieties		
POTTED PLANTS	10	100
Dubia. 3 inch	\$ 5.00	\$ 45.00
4 inch	7.50	65.00
Pertusum. 3 inch		55.00
4 inch	10.00	80.00
Guttiferum. 3-inch pot	5.00	45.00
Hastatum. 3 inch	6.50	55.00
4 inch	10.00	80.00
Mandianum. 3-inch pot	6.50	55.00
Panduraforma. 3 inch	6.50	55.00
4 inch, 2 in a pot	10.00	80.00

Aluminum Plant	Pilea Cadierei	100	1000
Rooted cuttings	\$ 7.00	\$ 55.00	
2 1/4 inch	20.00	175.00	

Pothos	100	1000
Wilcoxi. Propagating eyes, selected eyes		\$ 12.50
Rooted cuttings, 3-5 leaves	6.50	60.00
2 1/4 inch	11.00	100.00
Marble Queen. Rooted cuttings	12.00	110.00
2 1/4 inch	20.00	

Sansevieria	100	1000
Laurentii. 3 leaves up		
6-8 inch	\$16.00	\$140.00
8-12 inch	16.00	140.00
12-15 inch	18-24 inch }	16.00 140.00
15-18 inch	24-30 inch }	
2500 and over, less \$10.00 per 1000		

Zeylanica. 3 leaves up		
3-6 inch	12-15 inch }	
6-8 inch	15-18 inch }	7.50 70.00
8-12 inch	18-24 inch }	

Hahni	2000 or more, less \$5.00 per 1000	
Bare root for 2 1/4 in.	10.00	80.00
Bare root for 2 1/2 in.	12.50	100.00
Bare root for 3 in.	15.00	125.00
Bare root for 3 in., heavy	20.00	150.00
Bare root for 4 in.	25.00	200.00

Shefflera	100	1000
Seedlings	\$5.00	\$45.00
Transplants	6.50	55.00
Large Transplants	7.50	65.00

NEWER PHILODENDRON

AURICULATUM SQUAMIFERUM	FLORIDA SELLOUM	LYNETTE WEND-IMBE	
Prices on above:	10	100	1000
Bare-root for 2½ inch	\$ 4.00	\$ 30.00	\$250.00
Pot-Grown 3 inch	7.50	60.00	
Pot-Grown 4 inch	12.50	100.00	
25 one species and size at 100 rate; 250 at 1000 rate. 50 mixed of one size at 100 rate; 500 at 1000 rate.			
SPECIALS:			
Set No. 1—20 large-leaf Philodendrons out of 4-inch pots—8 or more species and hybrids, all new—\$25.00.			
Set No. 2—35 large-leaf Philodendrons out of 3-inch pots—8 or more species and hybrids, all new—\$25.00.			
Set No. 3—100 bare-root for 2½-inch pots—8 or more species and hybrids, all new—\$25.00.			

and Tropical Foliage Plants

PENNOCK GARDENS San Juan, Puerto Rico **U. S. A.**

AGLAONEMA

	100	1000
Commutatium (Variegated Evergreen). Unrooted cuttings.		
4-6 in.	\$10.00	\$ 85.00
6-8 in.	11.00	97.50

AGLAONEMA

Simplex (Chinese Evergreen). Unrooted cuttings.		
4-6 in.	6.25	55.00
6-8 in.	7.50	67.50
8-10 in.	9.50	80.00
10-12 in.	10.50	95.00
12-15 in.	12.00	105.00

ARALIA

Balfouriana . Unrooted cuttings.		
7-9 in. 6 sets of leaves	7.50	67.50

ASPIDISTRA

Rooted Leaf.		
15-18 in.	5.50	47.50

CRYPTANTHUS

Terminalis . Unrooted cuttings.		
4-6 in.	5.50	47.50
6-8 in.	7.00	57.50
8-12 in.	7.50	67.50
1 1/4-in. pots	9.50	90.00

DRACAENA

Godseffiana . Unrooted cuttings.		
4-6 in.	6.25	53.50
6-8 in.	7.00	60.00
8-12 in.	7.50	67.50
Rooted Cuttings, 6-8 in. . .	9.50	80.00
1 1/4-in. pots, 3 tips	17.00	150.00
Sanderiana . Unrooted cuttings.		
2-3 in.	7.00	60.00
3-4 in.	7.50	67.50
4-6 in.	8.50	75.00
6-8 in.	8.50	75.00
8-12 in.	8.50	75.00
1000 and over, 7c.		
Rooted cuttings.		
4-6 in.	10.50	90.00
6-8 in.	10.50	90.00
8-12 in.	10.50	90.00
1000 and over, 8 1/2c.		
1 1/4-in. pots, 3 tips	17.00	150.00

Borinquensis . Unrooted cuttings.		
4-6 in. Sold out till Oct. . .	12.00	100.00
Kelleriana . Unrooted cuttings.		
4-6 in.	8.25	67.50
6-8 in.	8.50	80.00

Marginata . Unrooted cuttings.		
6-8 in.	11.50	95.00
8-12 in.	15.00	135.00
Rooted cuttings, until Oct. .		
8-12 in.	18.50	160.00

Warnecki . Unrooted cuttings.		
6-8 in.	19.50	175.00
8-12 in.	24.00	210.00
12-15 in.	28.00	250.00
15-18 in.	32.00	280.00
Rooted cuttings.		
8-12 in.	32.00	280.00
2 1/4-in. pots, 1 tip	33.50	300.00

A Dependable Source 12 Months a Year

FICUS — Mossed Layers			
Doescheri . 12-15 in.,	100	1000	
8-9 lvs.	\$47.00	\$425.00	
Decora . 12-15 in., 6-7 lvs.	82.50	720.00	
Pandurata . 12-15 in.,			
7-8 lvs.	67.50	600.00	

Puerto Rico U. S. A.

6 Hours

From New York

4 Hours From Miami

PROPAGATING CANE

DIEFFENBACHIA		
Picta 100 ft., \$17.50; 1000 ft., \$150.00		
Roehrs 100 ft., 40.00; 1000 ft., 350.00		
Massangeana, Frangans, Janet Craig.		
\$16.00 per 100 ft.; \$14.00 per 100-300-ft. lots; \$11.00 per 100-500-ft. lots.		
Eugene Andre, Firebrand, Stricta, Grandis, Baptisti, Tricolor.		
\$22.00 per 100 ft.; \$190.00 per 1000 ft.		
Aglaonema Simplex.		
\$17.00 per 100 ft.; \$135.00 per 1000 ft.		

Special Prices

on
Standing Orders

SANSEVIERIA

LAURENTI . 2 leaves.	100	1000
8-12 in.	\$7.50	\$57.50
12-15 in.	7.50	57.50
15-18 in.	7.50	57.50
LAURENTI . 3-5 leaves.	100	1000
6-8 in.	\$11.50	\$ 95.00
8-12 in.	12.50	105.00
12-15 in.	12.50	105.00
15-18 in.	13.50	115.00
18-24 in.	15.00	120.00
24-26 in.	16.50	135.00

DIEFFENBACHIA

	100	1000
Amoena . 3-in. pots	\$45.00	\$400.00
Picta . Unrooted cuttings.		
6-8 in.	13.50	120.00
8-12 in.	14.00	125.00
12-15 in.	14.00	125.00
1 1/4-in. pots	17.50	150.00
Roehrsi . Unrooted cuttings.		
6-8 in.		200.00
8-12 in.		210.00
12-15 in.		235.00
1 1/4-in. pots	27.50	240.00

MARANTA

Kerchoveana . Unrooted cuttings	60.00
--	-------

NEPHTHYTIS

Rooted cuttings.		
Green Gold . 3-5 leaves	6.25	55.00
Snow Queen . 3-5 leaves	6.25	55.00
Emerald Gem . 3-5 leaves ..	5.00	45.00
Emerald Gem . 2 1/4-in. pots, 3 tips	13.50	115.00

PHILODENDRON

Cordatum .		
2 1/4-in. pots, 3 and 4 plants	17.00	150.00
Eyes Medium (2M Min.) ...		13.00
Eyes Large (2M Min.)		17.50
Variegated Cordatum .		
2 1/4-in. pots, 3 and 4 plants	22.00	200.00
Pertussum . Moss rooted cuttings.		
3-4 leaves	70.00	675.00
Panduraforma . Unrooted cuttings.		
8-12 in.	14.50	130.00
2 1/4-in pots, 2 tips	33.50	300.00
2 1/4-in. pots, 1 tip	22.50	200.00
Hastatum . Unrooted cuttings.		
8-12 in.	23.50	215.00
2 1/4-in. pots, 1 tip.		
8-12 in.	30.00	275.00
Mandianum . Unrooted cuttings.		
8-12 in.	27.50	250.00
12-15 in.	33.50	310.00
2 1/4-in. pots, 1 tip.		
8-12 in.	35.00	
Squamiferum .		
2 1/4-in. pots, 2 plants	37.50	340.00

POTHOS

Golden . 2 1/4-in. pots, 3 tips ..	18.00	160.00
Marble Queen . 2 1/4-in. pots, 3 tips	21.00	190.00
Tri-Color . 2 1/4-in. pots, 3 tips	18.00	160.00

Prices F.O.B. San Juan, Puerto Rico. Specify phone number and nearest airport. Shipments go by Air Freight to Miami or New York, and then Rail Express or Air Freight. Heavy shipments of CANE and SANSEVIERIA via boat.

500 of an item supplied at 1000 rate. We suggest Puerto Rican orders total at least 500 to 1000 cuttings, or 200 to 300 potted plants, to keep shipping charges economical. Minimum order of an item 100.

HENRY F. MICHELL COMPANY, Phone Lombard 3-5620, Philadelphia 5, Pa.



Top Quality
Forcing

AZALEAS

The popularity of Azaleas is increasing every year and almost every florist can force these fine pot plants for Easter and during the winter months. Azaleas are one of our specialties, and we ship from the very best sources which are inspected by us periodically. When possible will supply from closest source, as we ship Azaleas for forcing from Long Island, New Jersey, Pennsylvania, Virginia, Oklahoma, California and Oregon.

KURUMES

Coral Bells. Dainty coral-pink, semi-double.
Hexe. Deep crimson, semi-double, dwarf Indica.
Hino-Crimson. Dark carmine.
Hinodegiri. Carmine-red, hardy.
Salmon Beauty. Salmon-pink, hose-in-hose type.
Snow. Pure white hose-in-hose type.

FALL DELIVERY—Prices per 100

1000		1000	
100	and over	100	and over
6 to 8 in.	\$ 85.00 \$ 75.00	10 to 12 in.	\$150.00 \$125.00
8 to 10 in.	120.00 100.00	12 to 14 in.	200.00 165.00

PERICATS

Alice Muller. (EM). Semi-double, bright pink.
Dawn. (EM). Hose-in-hose, light pink.
Eastertide. Hose-in-hose, ruffled salmon.
Fortune. (M). Hose-in-hose, bright salmon-red.
Gardenia. Semi-double, white.
Marjorie Ann. Bright salmon-pink.
Pericat Salmon. (EM). Hose-in-hose, salmon, compact.
Sweetheart Supreme. (EM). Semi-double, blush-pink.

Fall	Winter	Fall	Winter
100	100	100	100
4 to 6 in.	\$60.00 \$ 65.00	8 to 10 in.	\$120.00 \$140.00
6 to 8 in.	85.00 100.00	10 to 12 in.	150.00 175.00

(EM) Indicates varieties that can be forced for January blooming.
We recommend Fall Delivery where possible, to insure your receiving variety and size desired.

Where possible, we try to arrange truck delivery on orders of 250 and over.

Write for prices on large orders or for varieties not listed.

KAEMPFERIS, GABLES

Hardy Types—Late Blooming Varieties

Caroline Gable. Hose in hose, cerise-red.
Elizabeth Gable. Hose in hose, light lavender.
Orange Cup. Hose in hose, orange.
Salmon Special. Hose in hose, ruffled salmon.
Maxwelli Alba. Single white.

SPRING PRICES

	100
6 to 8 in.	\$ 90.00
8 to 10 in.	130.00
10 to 12 in.	160.00
12 to 14 in.	210.00

RED WING

"Grows Faster—Buds Heavier"

Red with orange undertone. Grows about 40% faster than Hexe. Has attractive color and flower is larger.

Transplants.—Should make excellent 6x8 finished plants within 8 months. (Order in units of 50 of one variety). Please no orders for less than 100 plants.

\$27.50 per 100; \$260.00 per 1000.

Budded Stock Fall Delivery

	100
Red Wing	
6x 8	\$100.00
8x10	135.00

Asparagus

	100	1000
Plumosus Nanus		
2 1/4-in. pots	\$11.00	\$100.00
3-in. pots	25.00	200.00

Bellis Perennis (English Daisy) Seedlings

	100	500	1000
Monstroza. Rose, crimson, white, mixed	\$2.00	\$6.00	\$11.00
Longfellow. Pink	2.00	6.00	11.00
Crispa. Cherry	2.00	6.00	11.00

Beloperone - Shrimp Plant

An exceptionally attractive flowering plant.	100	1000
2 1/4-in. pots	\$11.00	\$100.00

Browallia

Speciosa (major). Rich blue.		
2 1/4-in. pots	\$11.00	\$100.00

GRAFTED INDICAS

Large Early Flowering Belgian Varieties

Memoria Sanders. Early or Christmas flowering. Dark red, double.
Mme. Petrick. Large, double, bright rose.
Paul Schame. Double, salmon-pink.
Perle de Sweynaarde. Double; pure white.

Mid-Season and Easter Flowering

Albert & Elizabeth. Double white with pink border.
Ernest Thiers. Semi-double, bold crimson.
Jean Haerens. Double large dark rose.
Mad. Van der Cruyssen. Semi-double, carmine-rose, early flowering.
Triomphe. Double red with purple sheen.
Vervaeana. Double large rosy salmon.
Vervaeana alba. Large double, pure white.

Sizes Available: 7-8 in., \$1.60; 8-10 in., \$1.95; 10-12 in., \$2.35.

All sizes and varieties are not always available. We suggest ordering early. Above prices based on orders for 100 plants and over. Less than 100 slightly higher. Write for prices on orders of 500 and over.

INDICA - Own-Root

F.O.B. North Jersey Only

	5 / 6"	7 / 8"
	Crown	Crown
	each	each
Albert & Elizabeth. Double white with pink border	\$0.80	
Ernest Thiers. Semi-double, bold crimson .....	.80	1.00
Niobe. Late, double white with greenish center .....	.80	1.00
Paul Schame. Early double salmon-red .....	.80	
Simon Mardner. Early, beautiful, double rose .....	.80	
Triomphe. Double red with purple sheen .....	.80	1.00

RUTHERFORDIANAS

7 / 8"
Crown
Each

Dorothy Gish. Early flowering, large flower, hose in hose, deep salmon	\$1.10
Rhapsody. Large flower, lively orange-red, semi-double, mid-season	1.10
Constance. Large single flower, cerise-pink, ruffled, early to mid-season	1.10

WEST COAST AZALEAS for Early Forcing

F.O.B. Portland Area—Supply Limited

Minimum order 250—Usually truck delivery on orders of 500 and over.

LENTENGROOT. Semi-double, crimson-red.	*HEXE. Ruby-red.
* CHRISTMAS RED. Brilliant, early forcer.	L. C. BOBBINK. Red, extra large.
* PAUL SCHAME. Pink double.	SWEETHEART SUPREME. H&H rose.
* ERIC SCHAME. Double orange.	* ALFRED SANDERS.
CHIMES. Red, semi-double bells.	* MISS COTTAGE GARDENS. Deep red double.
100	1000
4-6 in.	\$70.00 \$650.00
6-8 in.	80.00 750.00
8-10 in.	120.00 1100.00
* Can be forced for Christmas blooming.	

Daisies

	50	100	1000
Boston Yellow. 2 1/4-in. pots	\$8.00	\$12.00	\$110.00
Boston White. 2 1/4-in. pots	8.00	12.00	110.00

Dracaena

Indivisa. Slender green leaf. Useful for summer bedding.

	50	100	1000
2 1/4-in. pots	\$ 7.00	\$11.00	\$100.00
3 -in. pots	12.50	20.00	195.00

Daphne Cneorum

FOR EASTER AND MOTHER'S DAY FORCING

	10 to 25	30 to 100	125 or more
	Each	Each	Each
5 to 7-in. spread plants	\$0.90	\$0.85	\$0.80
7 to 9-in. spread plants	1.20	1.15	1.10
9 to 12-in. spread plants	1.45	1.40	1.35
PACKING CHARGE: 7c per plant on 5-7 in. and 7-9-in. 10c per plant on 9-12 in. size. SHIPPED IN PAPER POTS.			

ANTIRRHINUM - Snapdragon

September to January Delivery

Afterglow. Golden bronze.
Ball's Hybrid Yellow.
Ball's Lavender.
Dorcas Jane. Brilliant rose-pink.
Christmas Cheer. Extra early and a good producer. Bright rose-pink.
Ethel. Medium deep yellow. Good spikes.
Margaret. Creamy white. Stiff stems and grass-free growth.
Marie Louise. Seashell pink.
Mary Ellen. Soft rose-pink. Long stems and spikes.
Peggy Schumann. Clear bright pink.
Shisler's Red. Wine-red.
 2-in. pots or bands\$8.00 per 100; \$70.00 per 1000

BEGONIAS

2 1/4 in. pots. September to March Delivery

	50	100	1000
Adeline. Bright pink. Dwarf	\$7.50	\$12.00	\$100.00
Ball's Deep Rose	7.50	12.00	100.00
Carmen. Bright pink. Bronze foliage	7.50	12.00	100.00
Coraline Lucerne	14.00	25.00	
Geneva Scarlet. Double	14.00	25.00	
Geneva White. Double	14.00	25.00	
Indian Maid. Deep scarlet. Dark bronze foliage	7.50	12.00	100.00
Luminosa. Dark scarlet	7.50	12.00	100.00
Pink Pearl	7.50	12.00	100.00
Red Pearl	7.50	12.00	100.00
Snowball. White	7.50	12.00	100.00
Westport Beauty. Double; rose-pink	14.00	25.00	

CALCEOLARIA

(Sept. to Jan. Delivery)

EASTER VARIETIES Seedling Type

Multiflora nana. Excellent strain.
Multiflora nana, Gilbert Strain.
Ramona. Fine assortment of colors.
***Triumph.** Large flowers, mostly tigered or spotted bright shades of yellow, orange, red and rose. 50 100
 2 1/4-in. pots\$11.00 \$18.00

MOTHER'S DAY VARIETIES Grown from Cuttings

Cherry Queen. Deep reddish pink.
Giant Red. (New.) Rich solid brilliant red; foliage glossy green. 50
 (Maximum order, 50)\$18.00
Golden Talisman. Beautiful golden amber.
Greater New York. In all the finer shades and colors, including five shades of red, yellow, bronze, honey-dew, etc.
***Improved Perfection.** Yellow, orange and amber shades.
***Mary Louise.** Brilliant carmine-red. Early.
Pink Perfection. Rich rosy pink.
***Pure Flame.** Brilliant flame-red.
Rosacker's Brilliant. Deep rich garnet-red. Small flowers.
Stewarti. Canary-yellow.
Suzanne. Golden yellow. 50 100
 2 1/4-in. pots\$17.00 \$28.00

Varieties marked * we especially recommend

CINERARIA

Cremer's Prize Strain. Cross of Multiflora Nana, Hybrida Grandiflora and Stellata. Flowers are larger than Multiflora. Plants very compact, with small leaves.

Siter's Rainbow Strain. Large flower heads of medium size. Individual florets in an excellent color range. 50 100 1000
 2-in. pots\$8.00 \$12.00 \$110.00

CYCLAMEN

(June to November Delivery)

Assorted Colors

	100
3-in. pots	\$40.00
4-in. pots	75.00
5-in. pots	125.00

FUCHSIA

(October to March Delivery)

Holly Dale. Red or deep pinkish outside, with pinkish lavender center.
Winston Churchill. Red or deep pinkish outside, with deep violet center. 50 100 1000
 Rooted cuttings, 500 at 1000 rate\$ 8.00 \$ 75.00
 2 1/4-in. pots, 500 at 1000 rate8.00 14.00 130.00

Bagdad	Black Prince	Giant Pink	Little Beauty
			100 1000
Rooted cuttings			\$ 7.00 \$60.00
2-in. pots			13.00 125.00

GERANIUM

Beaute Poitevine. Light salmon.
Better Times. Same color as Better Times Rose.
Improved Ricard. Bright vermilion.
Irvington Beauty. Rose-pink.
Madonna. White.
Mme. Buchner. Double white.
Mme. Landry. Salmon-pink.
 2 1/4-in. pots\$15.00 \$140.00

Mrs. Lawrence. Light pink.
Olympic. One of the best reds.
Picardy. Salmon-pink.
Pink Fiat. Salmon-pink.
Pink Olympic.
Pride of Camden. Dark red.
Radio Red. Intense scarlet.
Red Fiat. Large flowers.
Red Landry.
 100 1000
\$15.00 \$140.00

CALIFORNIA GERANIUMS

Shipped air freight throughout the year. Place orders early to insure prompt delivery. Above varieties and others available. 5000 and over

Unrooted cuttings	\$37.50	\$35.00
Rooted cuttings	67.50	65.00

Minimum order, 1000.

Send for Our Complete List

For economical air transportation, we recommend each shipment contain 2500 cuttings.

HYDRANGEA

For Easter and Mother's Day Forcing
 Please specify for what holiday they are desired.

*Merveille. L. Light red.	Jean Merritt. M. Dark pink.
*Stafford. M. Dark pink.	Engel's White. M. Strong grower.
*Kuhnert. M. Rose-pink.	*Europa. E. Salmon-pink.
Regula. E. White.	Hamburg. E. Carmine.
*Rosabella. L. Rose-pink.	
	100 1000
3-in. pots, 1 shoot	\$ 35.00 \$300.00
4-in. pots, 2 or more shoots	65.00 600.00
5-in. pots, 3 or more shoots	75.00 700.00
6-in. pots, 4 or more shoots	110.00 1000.00

*Blues easily; E. Early; M. Midseason; L. Late.

Above prices F.O.B. Maryland. Available at other points at approximately same prices.

We have fine sources for shipping from the following states—New Jersey, New York, Pennsylvania, Ohio, Oklahoma.

Hydrangea Forcing Notes:

Our Hydrangeas are shipped in smaller sized pots than the finished plants will be grown, in order to save shipping weight. They should be ready to start to force upon arrival. It may be best to put them back in the same sized pots until the roots start to grow before shifting into finishing pots. If you do shift them up immediately, then try a light crushing of the hard dirt ball, or soak them in water before potting. This will help get the roots off to a better start.

The rule usually followed in timing Hydrangeas is to have the flower buds the size of a pea about 8 weeks before sale. Shorten or lengthen this time by raising or lowering the night temperature from the normal of 60 degrees F. Avoid lowering the night temperature below 55 degrees F., otherwise mildew may develop.

Along about 2 weeks before sale, attempt to harden off your plants. Drop the temperature back to 60 degrees F., if you have been forcing hard, and open vents a little more. Keep air on as much as possible all through the forcing period, but add a little toward the end of the forcing time. This will help them to stand up better in the retail shop, and in the customer's home.



Rooted Cuttings

Varieties marked * are patented or restricted and subject to signed agreement.
Minimum order 100 of each variety except where noted, 250 at 1000 rate.

NEW VARIETIES FOR 1956

	100	1000
Laddie Sim. A striking salmon-pink sport of Sim. Unlike other pink sports of Sim, the petals of the flowers are completely colored from center to edge	\$20.00	\$150.00
* Majestic. Will grow from 6 to 8 inches higher, and much sturdier. Flower is larger, color brighter, stem heavier and stiffer and the calyx better than William Sim	22.00	180.00
Peking Pink. A sport of White Littlefield, the flower is dark pink with white tips on the petals. Flowers are large and showy with excellent stems and no splits	22.00	180.00

WHITE

Frosty. A cross of two unnamed seedlings. Pure white at all times. Medium large to very large flower. Production excellent. Stems long and strong	\$11.50	\$100.00
Geiger's White. Sport of William Sim	15.00	125.00
* Hoosier Spice. Pure white and very fragrant	20.00	175.00
Improved Olivette.	12.00	100.00
Improved White Sim. Larger than White Sim	15.00	125.00
Northland. Popular white	12.00	100.00
Olivette. Fine white	10.00	90.00
Snowdrift. Clear snow-white. Cross of Golden Wonder and Sidney Littlefield. Large full flower on heavy strong stem, good producer, no splits	20.00	150.00
White Baum's Supreme. Large, pure white	15.00	125.00
* White Boston. Sport of Dark Pink Boston. Prolific bloomer with good stem	20.00	150.00
White Sim. White	15.00	125.00
* White Sidney Littlefield. Large white	15.00	125.00

LIGHT PINK

Gordon. Large soft light pink	15.00	125.00
* Hoosier Desire. Cream light pink	20.00	175.00
Hercules Virginia. Light pink	15.00	125.00
Kathleen Ann. Light pink sport of S. Littlefield	20.00	150.00
Light Pink Littlefield. True light pink	15.00	125.00
Nancy Thomson. Glowing light pink. Sport of Sidney Littlefield. Same flower size with better production than parent	15.00	125.00
* Petersen's Pink Sim. A blush-pink	15.00	125.00
Pink Sim. Light pink; sport of William Sim	15.00	125.00

MEDIUM PINK

* Belvedere. Rose-pink	20.00	150.00
Citation. Rose-pink with silver edges	15.00	125.00
Debbie. A beautiful salmon-pink sport of Sim	20.00	150.00
Evans' Salmon Sim. Pleasing Salmon Sim	20.00	150.00
Farr's Sim. Sport of William Sim. Medium pink, streaked with light pink	20.00	150.00
Petersen's Salmon Sim. Salmon-pink sport of Sim	20.00	150.00
Shocking Pink Sim. Brilliant dark salmon	15.00	125.00
Virginia Rose. Rose-pink	10.00	90.00

DARK PINK

Baum's Supreme. Dark rose-pink	15.00	125.00
* Boston. Dark pink. Clean healthy growth	20.00	150.00
Canup's Pride. Dark cherry-pink	15.00	125.00
* Charlene. Beautiful rich dark pink, good stem, and excellent producer	22.00	180.00
Saugus Pink. Deep pink	11.50	100.00
Sidney Littlefield. Large dark pink	15.00	125.00
Virginia Miller. Deep pink	12.00	100.00

YELLOW

	100	1000
Desert Sun. Large, tall yellow-buff	\$11.50	\$100.00
* Harvest Moon. Yellow-gold	15.00	125.00
* Hoosier Gold. Clear yellow with faint pink stripes ..	20.00	175.00
* Patten's Yellow. Clear yellow; strong stem	20.00	150.00
Shirley Ann. Clear yellow, full flower	20.00	150.00
Thomson's Improved Miller Yellow	15.00	125.00
Yellow Sim. Golden or buff-yellow	18.00	150.00

RED

	100	1000
Anniversary. Shade darker than Scarlet Sim	\$15.00	\$125.00
Cardinal Sim. Color similar to King Cardinal	15.00	125.00
Crimson King. Dark crimson	20.00	150.00
Congo. Dark red	20.00	150.00
Dark Red Sim. Shade darker than William Sim	15.00	125.00
Ember Sim. Vivid red, sport of William Sim. Large flowered variety with a smooth edged petal	15.00	125.00
Jumbo Cardinal. Brilliant red	15.00	125.00
Meriden Maid. Dark red	15.00	125.00
Mrs. C. W. Weld. Dark red	15.00	125.00
Red No. 16	12.00	100.00
Tetra-Red. Giant red. 500 M. rate	18.00	150.00
Tilly. Prolific maroon	11.50	100.00
* Tom Knipe. Scarlet	15.00	125.00
* Topper. Rich velvety maroon ..	15.00	125.00
* William Sim. Red. Patent No. 669 expires 1963	20.00	150.00
Wooster Scarlet. Brilliant red	12.00	100.00

NOVELTIES and VARIEGATED VARIETIES

	100	1000
Barbara Brigham. Yellow suffused with pink	\$10.00	\$90.00
Canary Queen. Lemon or canary-yellow, later developing a faint light pink variegation	11.50	100.00
Cooper's Variegated Sim. White with red markings ..	15.00	125.00
* Coral. Brilliant salmon at times slightly flaked; strong stems	20.00	150.00
Gayety. Like Cooper's Variegated Sim except larger flower	15.00	125.00
* Golden Harvest. Golden yellow with slight pink markings. Minimum order 250		180.00
* Harlequin. Flesh-pink with wine-red markings	15.00	125.00
Karen. Light buff with deep pink stripes, variegated ..	22.00	180.00
Lavender Rose. True lavender color	15.00	125.00
Mamie Eisenhower. The red markings against a white background produce an outstanding contrast	15.00	125.00
Mohawk. Yellow variegated with pink stripes	15.00	125.00
Pelargonium. White overlaid with maroon	15.00	125.00
Peppermint Sim. White sport with red lines	18.00	150.00
Raspberry Ice. Lavender variegated	11.50	100.00
Royalty. A clear, bright purple	18.00	150.00
* Sarah Jane Knipe. Bright purple, silver edge	20.00	150.00
Scarlet King. White overlaid with scarlet	15.00	125.00
Scarlet Sim. Scarlet flaked sport of William Sim	15.00	125.00
Starlite. White with pink stripes	10.00	90.00
* Tetra-Sarah Jane. Rosy magenta with silver edge ...	25.00	200.00
Unique. Purple with silver edge	12.00	100.00

Carnations

YODER BROS. VARIETIES

Athena. A lustrous salmon-pink, slightly deeper than Venus and more of a true pink than Apollo. Vigorous habit, excellent stretch, strong stems. Does not split.

Nectar. An orange-yellow variegated with broad scarlet stripes. Flower is flatter, more fringed and larger than Saturn.

White Apollo. White sport of Apollo.

Prices per 100:

50	100-250	300-450	500-950	1000 and Up
\$16.00	\$15.50	\$15.00	\$14.50	\$14.00

Eros. Light pink; color similar to Aphrodite; deeper in summer and early fall; vigorous heavy growth.

Hermes. The best dark pink for summer. Fine high temperature color, good keeping qualities. Above average production and negligible splitting. Winter color is scarlet-pink.

Juno. A medium sized, flat, well formed white flower. Very full center.

Mentor. Rich rose-pink during fall, winter and spring months. Smooth medium pink during summer. Strong rigid stems.

Minerva. An unusual deep scarlet-pink; heavy break-back; fine keeper.

Neptune. A Scarlet Carnation (color resembles that of Wm. Sim).

Pandora. A dark pink; good average production; fine flower substance.

Saturn. A beautiful warm bronze variegated. Popular novelty variety.

Thor. Intense scarlet of medium size especially recommended for dependable color retention during high temperature in the summer months. Free habits similar to that of Sim.

Titan. An intense crimson-red; consistent high production.

Vesta. Very large crimson. Dependable color retention; fast Sim stretch and habit.

Vulcan. A fine flower in the crimson or maroon group; excellent keeper; good comeback.

Prices per 100:

50	100-250	300-450	500-950	1000 and Up
\$14.00	\$13.50	\$13.00	\$12.50	\$12.00

Achilles. A large clear white. Petals are deeply serrated; a good all-year white.

Aphrodite. A clear light pink. Outside petals bleach a little in late spring and early fall, but do not burn; good producer.

Cassandra. A lively yellow variegated. Pink penciling. This flower never splits, excellent flower substance and an outstanding keeper.

Jupiter. A large white; very strong stem; well received in the Middle West.

Siren. A bright scarlet. Stems of medium length. About the same height as Aphrodite.

Venus. Long stem and a large and beautiful salmon-pink flower.

Prices per 100:

50	100-250	300-450	500-950	1000 and Up
\$13.00	\$12.50	\$12.00	\$11.50	\$11.00

Aurora. A large white show flower. A promising variety for the West and South.

Midas. A good yellow Carnation. Production very satisfactory. Where Miller's Yellow is a problem, this variety is strongly recommended.

Prices per 100:

50	100-250	300-450	500-950	1000 and Up
\$12.00	\$11.50	\$11.00	\$10.50	\$10.00

Apollo. Salmon-pink; a good summer flower. Larger than Netta.

Prices per 100:

50	100-250	300-450	500-950	1000 and Up
\$11.00	\$10.50	\$10.00	\$9.50	\$9.00

All prices subject to change without notice. Prices for 50 or multiples of 50 of a variety per shipment. F.O.B. Ohio.

IVY

	100	1000
English. Rooted cuttings	\$ 4.00	\$25.00
2 1/4-in. pots	10.00	90.00
Green Ripple. Rooted cuttings	6.00	50.00
2 1/2-in. pots	20.00	
Hahn's. Self-branching. Rooted cuttings	5.00	35.00
2 1/2-in. pots	20.00	
Hahn's Variegated. Rooted cuttings	6.00	50.00
2 1/2-in. pots	25.00	
Maple Queen. Rooted cuttings	6.00	50.00
2 1/2-in. pots	20.00	
Merion Beauty. Very free-branching.		
2-in. pots	10.00	90.00
Shamrock. Rooted cuttings	6.00	50.00
2 1/2-in. pots	20.00	
Star. Rooted cuttings	5.00	35.00
2 1/2-in. pots	20.00	
Sylvanian Beauty (Improved). Rooted cuttings	6.50	50.00
2 1/2-in. pots	20.00	
Glacier. Rooted cuttings	7.25	67.50
Gold Dust. Rooted cuttings	6.00	55.00
Variegated. Large leaf. Rooted cuttings	5.50	50.00

If bought in 2000 lots or more, \$45.00 per 1000.

LANTANA

Delicatissima. Yellow shading to pink.		
Golden King. Lemon-yellow.		
Michael Schmidt. Red shading to yellow.		
Radiation. Red; center orange and yellow.		
Sensation. Pink shading to a yellow center.		
Tethys. Cream shading to canary-yellow.		
Weeping. Lilac shading to rosy pink. A trailing variety. Especially recommended for boxes, baskets and ground covers.	100	1000
Mixed Varieties. Our selection.		
2 1/4-in. pots	\$12.50	\$115.00

MYOSOTIS, Michell's Giant

The finest winter-flowering Myosotis in the market, producing large, deep blue flowers.

	50	100	1000
2 1/4-in. pots	\$8.00	\$12.00	\$110.00

PELARGONIUM

(Sept.-March Delivery)

Premium Varieties

Baby Snooks. Orchid-pink veined rose-violet, red-black center.	
Chicadee. Lavender with deep violet blotches.	
Circus Day. Pink, upper petals deep pink with medium large, brown-lilac blotches flushed with salmon.	
Conspicuous. Shining oxblood or wine-red with black spot in lower petals, veining in top petals; waved petal edges with black hairline.	
Gay Nineties. White upper petals with medium sized blotches. Lower petals with a few veins to center. Beautiful, large, ruffled flowers.	
Grand Slam. Rosy red with slight salmon undertone. Top petals with velvety red-brown spot, flushed salmon. Large flower of waved petals.	
Rooted cuttings	Per 100
2 1/4-inch	\$22.50
3-inch	28.00
	37.50

Standard Varieties

Amanda. Reddish orange.	Lowell. Red, black blotches.
Azalea. Rosy red.	Marie Vogel. Red shaded salmon.
Ballerina. Shell-pink.	Pink Vogel. Pink.
Easter Greeting. Bright red.	Rhapsody. Tricolor.
Edith North. Salmon-pink.	Salmon Springtime. Bright salmon.
German Glory. Amaranth-pink.	Springtime. Bright pink.
Jessie Jarret. Dark violet.	Stardust. Palest lilac.
Lavender Queen. Lavender.	
Rooted cuttings	100 1000
2¼-in.	\$15.00 \$140.00
3 -in.	20.00 190.00
	28.00 270.00

250 plants of a variety at 1000 rate. Minimum order, 50 plants.



Floribunda
Roses

POINSETTIA

July to October Delivery
2 1/4-in. pots

Quality stock is shipped from growers throughout the country. Prices vary slightly with location. Truck Delivery available on larger orders for 2 1/4.

	100	1000
Albert Ecke	\$22.50	\$200.00
Barbara Ecke Supreme	26.00	250.00
Improved Albert Ecke	25.00	200.00
Mrs. Paul Ecke	22.50	200.00
Oak Leaf	20.00	180.00
Pink	25.00	225.00
White	25.00	225.00

Rooted cuttings available on most varieties. Write for prices. We advise Air Freight shipment. Minimum order, 500.

PANSY

(Seedlings). Giant Prize Mixture

	100	500	1000
Regular Size Plants	\$3.50	\$6.00	\$11.00
Large Size Plants	4.50	12.00	20.00

Peperomia

	50	100
Sandersi (Watermelon Begonia). 2 1/4-in. pots	\$14.00	\$25.00

PRIMULA

OBCONICA VARIETIES

Alba. White.	Mohnstein. Red.
Caerulea. Blue.	Wyaston Wonder. Bright crim-
Fasbender. Crimson.	son.
Mueller Rosea. Bright rose.	

MALACOIDES VARIETIES

	50	100	1000
Giant White.			
Glory of Riverside. Rose-pink.	\$ 8.00	\$12.00	\$110.00
2-in. pots	12.00	20.00	
3-in. pots			

Vinca Variegata

	100	1000
Rooted cuttings	\$ 4.50	\$ 40.00
2 1/4-in. pots	11.00	100.00

Vitis - Grape Ivy

	100	1000
Rhombifolia. Evergreen vine; trifoliate leaves.	\$12.00	\$100.00
2 1/4-in. pots		

PERENNIAL PLANTS

	10	100
ALYSSUM, Saxatile compactum. Basket of Gold. Dwarf	\$2.50	\$20.00
AQUILEGIA, Mrs. Scott Elliott. Mixed colors	2.50	16.00
CARNATION, Grenadine, Pink, Salmon, Red, White, Yellow	2.75	18.50
DICENTRA, Spectabilis. Bleeding Heart; Dielytra. Heart-shaped red flowers. Excellent for forcing.		
3-5 eyes	4.50	35.00
5-8 eyes	5.00	45.00
DIGITALIS, Giant Shirley Hybrids	2.75	18.50
FUNKIA, Undulata Variegata. Variegated foliage; blue flowers	3.00	20.00
GYPSOPHILA, Bristol Fairy. Double; white	5.50	50.00
HELLEBORUS, Niger. White	8.00	75.00
IBERIS, Sempervirens. White	3.00	20.00
LAVANDULA, Vera. Blue	3.00	25.00
LIATRIS, Scariosa. Deep purple	3.00	20.00
PRIMULA, Veris, Acaule Giant Hybrids. Brilliant color	3.00	25.00
SCABIOSA, Giant Isaac House Hybrids	2.75	18.50
STOKESIA, Blue Danube. Deep blue	3.00	25.00
VIOLA, Royal Robe. Violet-blue	3.00	22.00

Roses

FOR POT FORCING

January-February Delivery

Top quality Ohio Grown Stock that has proven its worth for many years. Ideal for Easter and Mother's Day sales.

POLYANTHAS or BABY RAMBLERS

Cameo. Pink salmon-gold.	Carol Ann. Pat. No. 707. Double orange-salmon.
Gabrielle Privet. Lovely pink.	Dick Koster. Deep pink.
Gloria Mundi. Orange-scarlet.	Garnette. Deep red.
Golden Salmon.	Margo Koster. Orange.
Magna Charta. Pink.	Mother's Day. New red.
Triomphe de Orleans. Cherry-red.	Pink Koster. Clear pink Margo Koster.
Verdun. Brilliant carmine-red.	
	10 100
xxx	\$7.75 \$67.50
xx	5.25 47.50
Med.	3.75 32.50
100 rate applies only to 30 or more of one variety.	
xxx	\$8.25 \$72.50
xx	5.75 52.50
Med.	4.25 37.50

FLORIBUNDAS—Strong Forcing Grade

	Per 100
Crimson Rosette. Pat. No. 901	\$85.00
Pink Rosette. Pat. No. 902	85.00
Pinocchio. Pink. Pat. No. 484	75.00
Summer Snow. White. Pat. No. 416	75.00
Minimum Rose orders, 50 plants. Varieties are packed in units of 10 and must be ordered in that unit.	

HYBRID TEAS

Jan.-March Delivery

Can be forced for holidays or for May and June. All varieties excellent for home gardens.

Ami Quinard. Red.	Mme. Joseph Perraud. Yellow.
Condesa De Sastago. Reddish yellow.	Mrs. E. P. Thom. Yellow.
Golden Sastago. Yellow.	Pink Dawn. Pink.
Gruss An Teplitz. Deep red.	Poinsettia. Scarlet.
Joanna Hill. Orange-yellow.	Pres. Hoover. Orange.
McGredy's Ivory. White.	Sister Therese. Yellow.
McGredy's Scarlet. Crimson.	Talisman. Orange.

No. 1 \$65.00 per 100; No. 1 1/2 \$52.50 per 100.

Minimum order 50 plants. Must order in units of 10.

Write for complete list of Roses. Climbers, Patented Hybrid Teas and others available.

SUCCULENTS AND CACTI

Commercial Assortment for Dish Garden and Novelty Planting
(500 of one assortment at 1000 rate)

Shipped bare-root F.O.B. California

	100	1000
A All-Purpose Standard. Cacti and Succulents; 10 or more standard varieties in uniform good selection for general dish-garden work or individual 2 to 2 1/2-in. pots	\$5.00	\$40.00
B All-Purpose Superior. Cacti and Succulents includes the better, more durable and showier types of Succulents and Cacti, in 15 or more varieties. This is our most favored all-around commercial assortment	5.75	50.00
K All-Succulent Fancy. The harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color	6.75	60.00
N All-Cactus Select. Various types of Cacti from cuttings and seedlings; globular, branched, eared, padded and columnar varieties in best selection	9.00	85.00
S Sub-Tropic Dixie Assortment, as favored in New York. Small foliage plants with compatible Succulents and Sansevierias	8.50	80.00



Flower Seeds

BEGONIAS, Fibrous-Rooted

Ideal for Pots, Combinations and Bedding

Dwarf Class 6 to 8 inches

	Trade Pkt.	1/64 oz.	1/32 oz.
Adeline. Attractive bright pink flowers and green foliage; very dwarf habit	\$1.25	\$3.00	\$5.00
Ball Red. A Begonia of fairly dwarf, perfectly rounded habit covered with medium large flowers of the brightest scarlet-red	1.50	3.25	6.00
Dwarf Luminosa. Extra dwarf scarlet flowers. Bronze foliage	1.25	3.00	5.50
King of the Reds. Very dwarf. Glowing scarlet ..	1.00	2.50	4.50
Pink Pearl. One of the best for pot culture. Dwarf, compact, 6 to 8 inches high. Bright pink flowers. Original packets	1.50	Original pkts. only	
Red Pearl. Same as above in habit. Color brilliant dark scarlet. Original packets	1.50		
Snowbank. The best large flowering pure glistening white; light green foliage, dense growing even dwarf plants	1.25	2.75	5.00
Dwarf Varieties Mixed	1.00	2.50	4.50

Medium Class 9 to 11 inches

Carmen. Bright rose-pink with rich bronze foliage ..	1.25	2.75	5.00
Christmas Cheer. Bright crimson-scarlet. Fine for forcing	1.00	2.25	3.75
Fire Sea (Blaze of Fire). Brilliant fiery red flowers; green foliage	1.25	2.50	4.50
Indian Maid. A fine variety with deep scarlet flowers and dark bronze foliage	1.25	2.75	5.00
Luminosa. Fiery dark scarlet	1.25	3.00	5.50
Prima Donna. Rose, shading to carmine	1.25	2.25	3.50
Scandinavia. An outstanding large-flowering pink suitable for pots. Excellent for winter flowering ..	1.25	3.00	5.50
Scandinavia, Red. An outstanding large-flowering red suitable for pots. Excellent for winter flowering ..	1.25	3.00	5.50
Scandinavia, White. The same as above except the flowers are pure white	1.25	3.00	5.50
White Pearl. Rich, fine white flowers	1.00	2.50	4.50
Medium Mixture	1.00	2.50	4.50

New F₁ Hybrid Strains

The following are offered in original trade pkts. only. Height 5 to 6 inches. Plants grown from these strains show a marvelous uniformity and perfection of blooms.

Pink Tausendschoen (1000 Wonders). Bright pink flowers freely produced on dwarf, compact plants. Tr. pkt. \$1.50.	
Rosy Red (Benary's). Same as above with the exception of the color, which is a brilliant rosy red. Tr. pkt. \$1.50.	
Sleeping Beauty (Benary's). Bright carmine-rose with green foliage. Extremely free flowering. Sun and rain resistant. Dwarf, compact habit. We highly recommend this new sort. Tr. pkt. \$1.75.	

Rex Hybrids

Choice mixture of ornamental leaves of Rex Begonias. Many unusual colors. 500 seeds \$1.50; 1000 seeds \$2.50.

BEGONIAS, Tuberous-Rooted

These are easily raised from seed. They produce enormous flowers and are excellent for bedding, window boxes, or pot culture.

	1/2 trade pkt.	Trade pkt.
Single Choice Mixed	\$1.50	\$2.50
Double Choice Mixed	1.50	2.50

BELLS OF IRELAND

(Molucella Laevis)

The only true green flower. This easily grown annual is base branching, producing stems about 2 ft. long surrounded by 2-in. bell-shaped flowers containing a white corolla.

Easily grown on greenhouse benches, in pots or outdoors in the summer. Last well when cut, also can be dried.

Trade Pkt., 60c; 1/4 oz., \$1.25; oz., \$3.75

CALCEOLARIA

	1/2 trade pkt.	Trade pkt.	1/64 oz.
MICHELL'S RAMONA. It is an exceptionally free-flowering variety of dwarf, compact habit. Flowers are large, well shaped, and beautifully tigered. The mixture contains a fine range of colors in bronze, yellow and red	\$0.85	\$1.50	\$5.00
Hybrida grandiflora compacta. An attractive tigered and spotted mixture. Dwarf growing		1.25	5.00
Hybrida multiflora nana. A fine free-flowering type, with average size blooms about 1 1/2 inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft.		1.25	5.00

CALENDULA - Pot Marigold

	Trade pkt.	1/4 oz.	Oz.
MICHELL'S SPECIAL FORCING ORANGE. Large, double flowers of deep orange	\$0.50	\$1.00	\$3.00
Campfire (Sensation). Brilliant orange with scarlet sheen; yellow center .....	.50	1.00	3.00
Ball Gold. Long-stemmed, deep golden yellow....	.50	1.00	3.00
Ball Lemon Queen. Medium deep yellow, with brown center .....	.50	1.00	3.00
Ball Long Orange. Long stemmed; orange with light center .....	.50	1.00	3.00
Ball Orange. Large, double, glowing orange flowers ..	.50	1.00	3.00
Ball Mixture .....	.40	.80	2.40

CANDYTUFT - Iberis

Michell's Giant White. Produces immense spikes of pure white bloom and is a superior strain. The best for forcing under glass for cutting. Trade pkt. 30c; oz. \$1.00; 1/4 lb. \$3.50; 1/2 lb. \$6.00

CENTAUREA CYANUS - Cornflower

SPECIAL FLORISTS' SUPER-GIANT STRAIN

MICHELL'S BLUE BONNET (Improved Blue Boy). A superior strain with large, deep blue, very double flowers. Trade pkt. 25c; oz. 75c; 1/4 lb. \$2.50; lb. \$7.50	
Blue Boy. Deep cornflower-blue. Snow Man. Pure white.	
Pinkie. Clear deep pink. Choice Mixture.	
Red Boy. The best deep red.	

Each of the above, except where noted, trade pkt. 20c; 1/2 oz. 40c; oz. 65c; 1/4 lb. \$2.20; lb. \$6.50

CROSSANDRA UNDULIFOLIA

A new and very valuable pot plant. This everblooming plant has flower spikes of overlapping bright salmon florets. Attractive bright glossy foliage.

Sown any time of the year it will flower from 6 to 9 months. It requires a rich well drained soil and a temperature of at least 65 degrees. We predict this will become a very popular pot plant. We offer new crop seed.

50 Seeds	\$ 2.25
100 Seeds	4.00
200 Seeds	6.50
500 Seeds	16.00

Michell's Snapdragons

F₁ Hybrids are preceded with ®.

BRONZE SHADES

Afterglow. Golden bronze. (M). Tr. pkt. \$1.50.

® **Barbara.** (Yoder.) Hybrid. The large bronze florets, with pink throat and bright bronze lips, are borne on long spikes. Vigorous grower. The earliest of the bronze group. (E).
½ tr. pkt. \$2.00; tr. pkt. \$3.50.

® **Cavalcade.** (Yoder Bros.) Hybrid. A lively golden bronze; extremely vigorous; long spikes; outstanding keeper. (E). Tr. pkt. \$3.50.

® **Gallant Fox.** (Yoder Bros.) Hybrid. Deep orange-bronze, similar in color to Lady Dorothy; much stronger and more vigorous; compact floret placement; a little earlier than Barbara. (E). Tr. pkt. \$3.50.

Schlegel's Early Bronze. Bright copper hood with lower part shading from deep gold to apricot. Well-spaced florets on stiff stem, averaging 3 ft. in height. An early July sowing will come into bloom for Christmas. (E).
Tr. pkt. \$2.00.

® **Sun Briar.** (Yoder Bros.) Hybrid. Lively orange-bronze. Medium in height with a hard stem. Compared to the over-all stem length, it has a very long flower spike. (E).
Tr. pkt. \$3.50.

® **Sunglow.** Hybrid. (New Pan-American.) Light, yellowish bronze, a new lovely color. (E).
Tr. pkt. \$3.00.

Talisman. (Windmill.) Double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination. (E).
Tr. pkt. \$2.00.

WHITE SHADES

® **WHITE KNIGHT HYBRID.** (New for 1955). A new improved paper-white Snap. Medium to long, compact spikes with well placed florets. Growth is firmer and less grassy than that of Snowman and flowering is earlier.
Tr. pkt. \$3.50.

® **Apollo.** (Yoder Bros.) Hybrid. Ivory-white flowers larger and more vigorous than Margaret, otherwise very similar to that variety. (E).
Tr. pkt. \$3.50.

® **Citation.** (Yoder Bros.) Hybrid. Very large ruffled florets of ivory-white compactly spaced on long spikes. Uniform, vigorous grower, early. Comes in before Margaret, Apollo or Twenty Grand. (E).
Tr. pkt. \$3.50.

® **Maryland White.** (Winkler.) Hybrid. Large paper-white florets on strong stem. Early, free flowering. (E). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Peace. Pure white. (M.) Tr. pkt. \$1.50.

® **Rockwood's Hybrid White No. 5.** (E). A fine white for fall and early winter blooming, flowers are large and well formed. Tr. pkt. \$3.50.

Rockwood's Early White. (E). Tr. pkt. \$2.00.

® **Rockwood's Crystal White.** (L).
Tr. pkt. \$3.00.

® **Schumann's White.** A close flowering pure white on a strong sturdy stem. Longer stem, larger head and larger individual florets than White Peggy, over which it is an improvement. No excess foliage and will not shatter. Will produce a good crop from early sowing. An excellent companion to Peggy Schumann Pink. (L).
½ tr. pkt. \$1.75; tr. pkt. \$3.00.

® **Spartan White.** (Mich State College). (E). Clean growing, pure white. A good producer. Tr. pkt. \$3.00.

® **Twenty Grand.** (Yoder Bros.) Hybrid. A medium early winter flowering variety; an ivory-white flower similar to that of Junglewold White; a fine keeper. (M). Tr. pkt. \$3.50.

YELLOW SHADES

® **BROKER'S TIP.** A deep yellow with medium sized florets. Little or no side growth. (E). Tr. pkt. \$3.50.

® **Day Star.** (Yoder Bros.) Hybrid. Very early; good uniformity; long spike of light yellow florets. (E). Tr. pkt. \$3.50.

Ethel. A large, bright yellow flower, winter blooming, well-formed head, good stems. (M). Tr. pkt. \$1.50.

Frances Schlegel. Daffodil-yellow. (M). Tr. pkt. \$2.00.

® **Gold Mine.** (Pan-American.) Hybrid. Deep gold-yellow, slightly fringed early, with strong fine stems and spikes with excellent placement of large florets. (M). ½ tr. pkt. \$1.75; tr. pkt. \$3.00.

® **Golden Spike.** A rich gold-yellow with long stems and flower spikes; very productive. Can be flowered in January from a mid-July sowing. (E). Tr. pkt. \$3.50.

® **Gold Rush.** (Winkler.) Hybrid. A hybrid for greenhouse forcing to fill the need for a vigorous, free-flowering yellow Snapdragon. The large florets are deep Jonquil-yellow slightly ruffled, producing a long, well-filled spike. Sown early it will yield up to three full crops, very uniform. (M). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

® **Patricia.** (Yoder.) Hybrid. The medium sized florets of rich yellow with full deep yellow lower lip are borne on long spikes. Vigorous grower; fast taking the lead as the best yellow for winter blooming and cloth house culture. (M). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.

Rockwood's Hybrid Yellow No. 10. (E). A fairly deep yellow with well-formed flowers and good stems. Not quite as tall as most yellows. Tr. pkt. \$3.50.

Rockwood's Summer Yellow. A fairly deep yellow. Tr. pkt. \$3.00.

Rockwood's Winter Yellow. Deep yellow. (E). Tr. pkt. \$2.00.

® **Seabiscuit.** (Yoder Bros.) Hybrid. Uniform vigorous grower, long spike, excellent floret formation. Clear yellow, coming in after War Admiral, Patricia and Day Star. Outstanding for winter or spring. (E). Tr. pkt. \$3.50.

® **War Admiral.** (Yoder Bros.) Hybrid. Outstanding in vigor, uniformity and spike formation; should become the number one winter flowering yellow hybrid. (E). Tr. pkt. \$3.50.

Yellow Peggy Schumann. (E). Tr. pkt. \$2.00.

For All Seasons of the Year

LIGHT PINK

- ⑩ **ANNE MARIE.** A clear medium pink, midway between Christina and Libby in color. The medium sized florets are more closely set than Christina. (M). Tr. pkt. \$3.50.
- ⑩ **Chevy Chase Pink.** (Winkler.) Hybrid. A bright pastel pink, a shade darker than the popular Maryland Pink. Large florets and close full spike. Early and free flowering. "Shatter-resistant", will not drop its florets after cutting, unless they have been pollinated in some way. (E). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.
- ⑩ **Christina.** (Yoder.) Hybrid. The best light rose-pink Hybrid, slightly deeper in color than Mary Ellen with larger florets. A vigorous medium early variety with almost no side growth. (M). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.
- ⑩ **Crusader.** (Yoder Bros.) Color and season that of Dorcas Jane. Brilliant rose-pink. Tr. pkt. \$3.50.
- ⑩ **Gusto.** (Yoder Bros.) Color somewhat deeper than Mary Ellen. Bright rose-pink. Earlier and more uniform in flowering. Florets held close to spike. Ruffled hood. Tr. pkt. \$3.50.
- ⑩ **Mary Ellen.** (Yoder.) Hybrid. A light rose-pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets. (M). Tr. pkt. \$2.50.
- ⑩ **Maryland Pink Improved.** (Winkler.) Hybrid. The improved strain of this popular pastel pink hybrid is early and free flowering with a stronger stem and larger spike. (E). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.
- Mountain Pink.** (Hybrid.) (Pan-American.) Medium pink color. (E). Tr. pkt. \$3.00.
- ⑩ **Rockwood's Early Hybrid Pink.** Pastel pink. (E). Tr. pkt. \$3.00.
- ⑩ **Star Charter.** (Yoder Bros.) Hybrid. A wide rose-pink floret similar to that of Christina; vigorous uniform growth; close spacing of florets. A beautiful flower and an excellent keeper. (E). Tr. pkt. \$3.50.
- ⑩ **Top Flight.** (Yoder Bros.) Light pink, similar to Christina but earlier. Tr. pkt. \$3.50.
- ⑩ **Trilbee Pink.** (Windmiller.) Hybrid. Vigorous grower, long spike closely set with artistic giant florets in a rich pastel pink shade. Recommended by the introducer for single stem production. Late August sowing for mid-January market. (M). Tr. pkt. \$3.50.
- ⑩ **Whirlaway.** (Yoder Bros.) Hybrid. Medium early; large floret; close spacing; long spikes; a little deeper color than Mary Ellen. (M). Tr. pkt. \$3.50.

DARKER PINK and ROSE

- ⑩ **Better Times.** (Windmiller.) Hybrid. A real American-Beauty-rose-red. It is first class like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day. (E). Tr. pkt. \$2.00.
- Cheviot Maid.** (Yoder's No. 33.) Medium rose-pink. (E). Tr. pkt. \$1.50.
- ⑩ **Christmas Cheer.** (Windmiller.) Hybrid. The earliest rose-pink. Fine spike, excellent for Christmas and comes back for second and third crops. (E). ½ tr. pkt. \$1.75; tr. pkt. \$3.00.
- Gilbert's Pamela Pink.** (Gilbert.) A good medium pink with flower spikes ranging from 8 to 16 inches long having very good stems and clean foliage. An early winter flowering variety. (M). ½ tr. pkt. \$1.75; tr. pkt. \$3.00.
- ⑩ **Libby.** (Yoder.) Hybrid. A dark rose-pink hybrid with very strong stem and vigorous growth. Good sized flowers set medium to close on long spikes. The latest of the Yoder Hybrids to flower, coming in after Mary Ellen. (M). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.
- Peggy Schumann Pink.** A large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots. (E). Tr. pkt. \$2.00.
- ⑩ **Pensive.** (Yoder Bros.) Hybrid. Flowers of dark pink coming in just after Christmas Cheer. Stronger, cleaner growth than that variety. (E). Tr. pkt. \$3.50.
- ⑩ **Pompey.** (Yoder Bros.) Hybrid. Rose-pink. A little deeper than Dorcas Jane, earlier, more vigor and uniformity of growth and closer floret spacing. (E). Tr. pkt. \$3.50.
- Rockwood's Pink Supreme.** Dark pink. (E). Tr. pkt. \$2.00.
- Rockwood's Summer Pink No. 1.** Medium pink. Tr. pkt. \$3.00.
- ⑩ **ROWENNA.** A light rose-pink with medium to long spikes. Very adaptable for bunching. (E). Tr. pkt. \$3.50.
- ⑩ **Spartan Rose.** (Mich. State College.) (M). Medium deep rose with long, heavy spikes. Tr. pkt. \$3.00.

CRIMSON and RED SHADES

- ⑩ **Ball Red.** Hybrid No. 7. (E). Tr. pkt. \$3.50.
- ⑩ **COMMANDO.** A good red hybrid Snap. A pleasing color, earliness, clean growth habit. (E). Tr. pkt. \$3.50.
- Crimson Queen.** Velvety crimson. (E). Tr. pkt. \$2.00.
- Maryland Orange.** New. (Winkler.) A tall, vigorous, early mid-season orange-bronze; lighter than Barbara, and more orange than copper. A large close spike, with very large individual florets. Production excellent; strong, stiff stem and spikes. Shatter-resistant. (M). Tr. pkt. \$3.50.
- Maryland Red.** New. (Winkler.) An early bright red slightly lighter than Navaho. Tall, vigorous, with a large spike and individual florets and a strong, stiff stem. Shatter-resistant. (E). Tr. pkt. \$3.50.
- ⑩ **Priscilla Ann.** (Yoder.) Hybrid. Long graceful spikes with large velvety crimson florets. At times a faint touch of yellow is noted on the lip. The earliest crimson. (E). ½ tr. pkt. \$2.00; tr. pkt. \$3.50.
- ⑩ **Red Wing.** Hybrid. (Pan-American.) Deep velvety red. (E). Tr. pkt. \$3.00.
- ⑩ **Rockwood's Hybrid Red No. 15.** (E). A dark red or crimson with well formed flowers and good stems. Early, can be grown for Christmas market. Tr. pkt. \$3.50.
- Shisler's Red.** A new Snapdragon. It is an excellent glowing wine-red, 100% true to color, a good cropper and a true winter-flowering variety. (E). Tr. pkt. \$2.00.

LAVENDER and LILAC SHADES

- Bertha Baur.** Lavender or orchid. (M). Tr. pkt. \$1.50.
- ⑩ **Bold Venture.** (Yoder Bros.) Hybrid. Early and uniform with a hard stem. The medium sized floret best described as a rich lavender. (E). Tr. pkt. \$3.50.
- Lavender Rose.** (Rockwood.) Early lavender and rose. (E). Tr. pkt. \$2.00.
- Rockwood's Winter Lavender.** (L). Tr. pkt. \$2.00.
- Schumann's Lavender.** Excellent, large flowered rosy lavender for spring blooming. Full heavy spikes. (L). Tr. pkt. \$2.00.
- Windmiller's Lilac.** Excellent orchid, true to type and color, hard wiry stems, small foliage, productive. (M). Tr. pkt. \$2.00.

E—Early, flower by mid-Dec.; M—Midseason, flower mid-Dec. to mid-Jan.; L—Late, flower after mid-Jan.

Tips on Forcing Snaps

Temperature Recommendations

Temperature is the basis of crop control. Accuracy in crop timing is of course directly connected with accuracy of temperature control. The flowering period from Nov. 15 through Mar. 1 gives the most accurate results.

Sunny days—55 to 60 degrees.

Nights—52 degrees.

Cloudy days—48 to 50 degrees.

Nights—48 to 50 degrees.

Glass should be shaded from May to Sept. to reduce temperature.

PINCHED CROP

Good many growers still prefer to grow "Snaps" as a pinched crop and for growing under this method we recommend using the early varieties and particularly the hybrids for maximum production during the winter months with short days and limited light. The medium varieties are good for winter but do better when planted after Mums and the late varieties are recommended for after the Mums and for spring flowering. See pages 6 and 7 for varieties and flowering period.

Although sowing dates will vary with localities, for Christmas and January crop, sowings are usually made between June 15 and July 15. Transplant to bands or flats and bench in August allowing 8x8 inch spacing. Pinch usually September 5 to 10 on earlier sowings and 15 to 20 on later sowings.

Single Stem Snap Schedule

	WHITE	SOW	FLOWER
Spartan White, E.....	Aug. 1-Oct. 20		Dec.-Apr.
Rockwood Crystal White, V. L.....	Jan. 15-June 25		June-Sept.
Jet Pilot, E.....	Aug. 1-Oct. 8		Dec.-Mar.
	YELLOW		
Patricia, M.....	Aug. 10-31		Jan.-Feb.
War Admiral, E.....	Sept. 25-Oct. 30		Mar.-May
Rockwood Hybrid Yellow, V.L.....	Apr. 10-June 25		July-Sept.
	IVORY		
Apollo, M.....	Aug. 10-Jan. 15		Dec.-June 10
Margaret, M.....	Aug. 1-Oct. 30		Dec.-May
Twenty Grand, M.....	Aug. 1-Oct. 30		Dec.-May
Rockwood Early White, L.....	Oct. 20-July 15		May-Oct.
	BRONZE		
Barbara, M.....	Aug. 20-Oct. 30		Feb.-May
Cavalcade, E.....	Sept. 25-Oct. 30		Mar.-May
Gallant Fox, E.....	Sept. 25-Oct. 30		Mar.-May
	PINK		
Chevy Chase Pink, E.....	Aug. 10-Aug. 31		Dec.-Feb.
Christina, M.....	July 10-Mar. 1		Oct.-June
Gusto, E.....	Aug. 1-Oct. 8		Dec.-Mar.
Mary Ellen, M.....	Aug. 10-Oct. 20		Jan.-Apr.
Trilbee Pink.....	Aug. 20-Oct. 8		Jan.-Mar.
Whirlaway, E.....	Aug. 1-Oct. 8		Dec.-Mar.
	ROSE		
Libby, M.....	Aug. 20-Oct. 30		Feb.-May
Spartan Rose, M.....	July 20-Aug. 10 and Sept. 25-Oct. 30		Mar.-June
Rockwood Pink Supreme, L.....	Oct. 20-June 25		May-Sept.
Star Charter, E.....	Aug. 10-Oct. 8		Jan.-Mar.
	RED		
Rockwood's Red Hyb., L.....	Apr. 10-June 25 Aug. 1-20		July-Sept. Dec.-Feb.

YODER BROS., BARBERTON, OHIO—NEW EARLY HYBRIDS

TO FLOWER				Weeks			
Starting	Finishing	Sow	Prick Off	Prick Off to Cut	Spread	Total Crop Weeks	Crop Spacing
Dec. 13	Jan. 1	8/13	8/30	15	3	18	4 x 5
Dec. 27	Jan. 15	8/23	9/13	15	3	18	4 x 5
Jan. 10	Jan. 29	8/30	9/20	15	3	18	4 x 5
Jan. 24	Feb. 12	9/2	9/23	17½	3	20½	4 x 5
Feb. 7	Feb. 26	9/6	9/27	19	3	22	4 x 5
Feb. 21	Mar. 12	9/13	10/4	20	3	23	4 x 5
Mar. 7	Mar. 19	9/17	10/11	21	2	23	4 x 4
Mar. 21	Apr. 2	9/24	10/18	22	2	24	4 x 4
Apr. 4	Apr. 16	10/1	10/25	23	2	25	4 x 4
Apr. 18	Apr. 30	11/8	12/6	19	2	21	4 x 4
May 2	May 14	12/24	1/24	14	2	16	4 x 4
May 16	May 28	1/7	2/7	14	2	16	4 x 4
May 30	June 4	1/31	2/28	13	1	14	4 x 4
June 13	June 18	3/18	4/11	9	1	10	4 x 4

For purposes of setting up a program for succession of flowering the grouping as indicated here will show the relative sequence in which the varieties will tend to be in full flower.

Group A. Jet Pilot, Gusto, Rowena, Day Star, Bold Venture, Commando.

Group B. White Knight, Apollo, Citation, Crusader, Pompey, Whirlaway, Pensive, War Admiral, Seabiscuit, Cavalcade, Sun Briar.

Group C. Twenty Grand, Topflight, Broker's Tip, Gallant Fox.

CINERARIA

CREMER'S PRIZE STRAIN, WILT RESISTANT

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors.

Tr. pkt. \$1.50; 1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.25.

SITER'S RAINBOW STRAIN

Mixed. Large flower heads of medium-sized individual florets in an excellent color range.

Trade pkt. \$2.00; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

Multiflora Nana

Potsdam and Berlin Market Strain

Very dwarf and compact. Large flowers produced in great profusion and in a range of fine colors.

Mixed Colors.

1/2 trade pkt. 60c; trade pkt. \$1.00;
1/64 oz. \$2.00; 1/32 oz. \$3.75.

Multiflora Grandiflora Maxima

This new Hybrid is a cross between Multiflora nana and Grandiflora. Individual florets measure 2 to 3 inches in diameter and are produced in quantities of 100 blooms and over to the plant. We offer it in mixed colors only.

1/2 trade pkt. 60c; trade pkt. \$1.00; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

GOLD CENTER MULTIFLORA NANA

Attractive medium size flowers with gold centers. Choice mixed.

Tr. pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

CYCLAMEN

Michell's Giant Imported Show

We are again pleased to offer our famous imported strain of Cyclamen seed.

Note: Smallest quantity available is 100 seeds of a variety. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
No. 1. Dark Blood-Red	\$1.90	\$17.50
No. 2. Bright Red	1.90	17.50
No. 3. Pure Rose	1.90	17.50
No. 4. Rose of Marienthal. Bright pink	1.90	17.50
No. 5. White with Carmine Eye	1.90	17.50
No. 6. Pure White	1.90	17.50
No. 7. Bonfire. Brilliant scarlet	2.50	22.00
No. 8. America. Salmon-scarlet	2.50	22.00
No. 9. Improved Salmon-Rose	2.50	22.00
No. 10. Glory of Wandsbek. Salmon-red	2.25	20.00
No. 11. Rose of Zehlendorf. Salmon-pink	2.25	20.00
Mixture of Above Colors	1.90	17.50

The above prices on Cyclamen are net and subject to market changes.

DIDISCUS - Blue Lace Flower

Caerulea. Improved Strain. Lavender-blue, lace-like flowers. Sow seed in September, transfer into small pots, and after 4 weeks plant in a bench, leaving 4 inches between the plants and 1 foot between the rows. Grow in a carnation house temperature.

Trade pkt. 25c; 1/4 oz. 60c; oz. \$1.80.

EXACUM AFFINE

A fine greenhouse pot plant which produces richly fragrant violet-blue flowers. This neat and attractive plant will flower in 6 months from seed. Height 9 inches.

Trade pkt. \$1.25; 1/128 oz. \$3.25; 1/64 oz. \$6.00.

GYPHOPHILA - Baby's Breath

	Oz.	1/4 lb.	Lb.
New York Market. Fine pure white variety; large, extra-petaled flowers. Strong growth	\$0.40	\$1.00	\$3.00
Covent Garden Market (London Market). Improved Strain. Very large, pure white flowers with 6 to 8 petals	.30	.85	2.50
Paris Market Strain. A popular standard sort. Very early	.25	.70	2.00
Elegans Carminea. Bright carmine-rose			
Tr. pkt., 30c.	1.00	3.50	

KALANCHOE

Trade pkt. 1/64 oz.

BRILLIANT STAR. New Hybrid. An excellent pot-plant with flowers three times the size of regular varieties, and of a brighter fiery red color. The foliage is restricted to the base of the plant, which allows development of flower stem 7 inches long, especially good for cutting

\$1.75 \$6.50

Tom Thumb. A dwarf compact strain of this popular succulent producing perfectly rounded symmetrical plants, literally covered with bright scarlet flowers. A January or February sowing will produce fine 4-inch specimens for next winter's sale

1/128 oz. \$3.00.. 1.50 5.50



Larkspur

MICHELL'S LARKSPUR

A very popular annual for cutting, either outdoors or in the greenhouse. Seed sown in warm weather will germinate very slowly.

New Supreme Strain

This new giant base-branching type has a much longer main spike, with larger flowers, fully double and more closely spaced on the main stem than existing types. This variety is especially fine for greenhouse growing.

Light Blue Supreme

The largest florets of any Larkspur known. A clear heavenly blue without a trace of mauve.

The following popular colors are available now.

Dark Blue Supreme. Rich violet-purple.

Lilac Supreme. The best clear lilac to date.

Pink Supreme. Clear bright rose-pink.

Rose Supreme. Clear deep rose.

Salmon Supreme. A true salmon-pink.

White Supreme. Pure white.

Choice Mixed.

Each of the above, trade pkt. 40c; 1/2 oz. \$1.00; oz. \$1.80;
1/4 lb. \$6.00; lb. \$18.00.

Giant Imperial Varieties

Identical in branching habit to the Giant Imperial Stock. Flowers very double. Plants of robust habit of growth. 3 to 4 ft.

Brilliant Rose. The finest florist rose-pink to date.

Blue Bell. Clear light blue.

Blue Spire. An intense deep Oxford-blue.

Deep Carmine King, Improved. A larger, more beautiful Carmine King, which will hold its color under the most trying conditions.

Exquisite Pink, Improved. Beautiful salmon-pink. Comes practically 100 per cent true.

Lilac King. A true lilac shade.

Lilac Queen. Rich lilac, shading lavender-blue.

Lilac Spire. Bright lilac.

Pink King. Soft, warm salmon-rose.

Pink Perfection. Lively shade of light pink. Large florets.

Sweet Lavender. Light lavender-blue.

White King. (Improved.) All-America Winner. Giant, pure white flowers on long spikes.

White Spire. Pure white.

Mixed.

Each of the above, trade pkt. 30c; oz. \$1.60; 1/4 lb. \$5.25; lb. \$16.00

PLEASE NOTE. The pound rate will apply only where 1/2 pound or more of a variety is ordered.



Giant Pansies

The following list comprises the best of the new European creations and the popular American varieties.

America. A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Blue Boy. Medium size silvery blue flowers. Free-flowering.

Tr. pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00.

Dwarf Swiss Giants, Choice Mixed (Roggli). More compact and dwarf than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors.

Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00; 1/4 lb. \$28.00.

Engelmann's Mixture. Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Tr. pkt. \$1.00; 1/8 oz. \$3.30; 1/4 oz. \$6.00; oz. \$18.00.

Felix. Uniformly true to type, with ruffled flowers of good size carried on fairly dwarf plants. Colors are rich and unusual—including purple, apricot and wine shades together with pastel bronzes and smoky tones difficult to describe. Each flower is marked with the dark "whiskers" characteristic of this strain and the over-all effect is very striking.

Tr. pkt. \$1.00; 1/4 oz. \$3.00; oz. \$9.00.

Maple Leaf Giants. A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types.

Tr. pkt. 75c; 1/8 oz. \$1.75; 1/4 oz. \$3.00; oz. \$10.00; 1/4 lb. \$32.00.

Michell's Giant Climbing. This strain is the result of careful selection of several leading varieties of winter-flowering Pansies, and we believe our stock to be the finest of its type. Plants grow to a height of 3 feet and produce immense blooms on stems from 16 to 18 inches long. The colors are a pleasing blend of light and dark shades.

Trade pkt. \$1.00; 1/8 oz. \$2.50; 1/4 oz. \$4.75.

Michell's New Swiss Giants. The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched.

Tr. pkt. \$1.00; 1/8 oz. \$1.75; 1/4 oz. \$3.00; oz. \$10.00; 1/4 lb. \$32.00.

New Giant Pansy, Michell's Springtime. We are pleased to offer this fine new early-flowering Giant Pansy with blooms measuring 3 1/2 to 4 inches across, and coming in a superior mixture of light colors so popular in the spring garden. The plants are dwarf.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Pay Dirt Jumbo. New. Largest golden yellow ever produced. Blooms have dark rays or tiny dark faces. Fine dwarf habit and resistant to heat.

Trade pkt. \$1.00; 1/8 oz. \$4.50; 1/4 oz. \$8.00; oz. \$28.00.

Jumbo Mixture. Grown from Originator's Stock. Extra-large, long-stemmed flowers, very early, in a choice mixture of colors.

Tr. pkt. \$1.00; 1/8 oz. \$3.00; 1/4 oz. \$5.10; 1/2 oz. \$9.20; oz. \$16.50.

Trimardeau, Choice Mixed. Medium-sized flowers, excellent for bedding.

Trade pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00; 1/4 lb. \$20.00.

Michell's New Swiss Ruffled

Pastel Shades Mixed

Here is a delightful new strain of Pansies. The flowers are large and beautifully ruffled. This strain is a mixture of lovely pastel shades not seen in Pansies.

Plants are compact in growth, also very free flowering. This Pansy should be in everybody's garden.

Tr. pkt. 75c; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$12.50.



Michell's New Pansy for 1955

COLOR CARNIVAL

(Pacific Giant Hybrids)

This new Pansy is the finest we have ever grown. Trials sent to several large Pansy growers last fall, resulted in wonderful reports; results like this prove this is the Pansy to grow.

"Pansy Color Carnival" is probably the most highly developed American Pansy ever bred; it figures all the colors and advantages of the finest Swiss Strains with extremely large flower size and vigor. Blooms all are blotched, coloration runs the full range of Pansy colors in rich variation, predominantly reds, scarlets of the finest texture, to satisfy the most critical Pansy expert. Habit of growth of all plants of each color is remarkably uniform.

Tr. pkt. \$1.50; 1/16 oz. \$2.00; 1/8 oz. \$3.75;
1/4 oz. \$7.00; 1/2 oz. \$12.00; oz. \$22.00.

SWISS GIANTS, SEPARATE SORTS

Alpenglow. A fine range of cardinal-red shades.

Berna. Very rich, velvety purple-violet.

Coronation Gold. Round canary-yellow flowers with lower petals flushed golden orange, measuring as much as 3 inches across, with slightly ruffled edges.

Firebeacon. Bright wallflower-red with a touch of orange.

Lake of Thun (Ullswater). Marine-blue with deep blue blotches.

Luna. Soft sulphur-yellow; frilled edges.

Pure White. The best giant pure white.

Raspberry Rose. Soft pink-carmine, velvety blotched, slightly lighter at edges.

Rheingold. Deep golden yellow with black blotches on the three lower petals.

Red Wing. Upper petals red, lower petals golden yellow with dark blotches.

Super Beaconsfield. Extremely large-flowered, lower petals purple-violet shading off to white, flushed lilac on the upper petals, comes 80% true.

Each of the above, trade pkt. 75c; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$11.00.

IMPROVED SWISS GIANTS MIXTURE

Large flowers with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture.

Trade pkt. 60c; 1/4 oz. \$2.75; oz. \$9.00.

Michell's Giant Exhibition, Mixed. A giant strain of heavy texture and varied shades and colors.

Trade pkt. 75c; 1/8 oz. \$1.75; 1/4 oz. \$2.75; oz. \$10.00.

STOCKS

Giant Column, Non-Branching

This type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together.

LAVENDER, BLUE and PURPLE

Silver Lilac. (Ball No. 1.) Lilac-lavender.

Ball Blue No. 3. Rich dark lilac-blue.

Purple Heart No. 21. New brilliant violet-purple; large flowering, and long stemmed.

PINK, ROSE AND RED

Pacific Pink. The first pure true pink Stock developed. Extremely fine under artificial light. Vigorous spikes possess well-spaced flowers. This is a definite "must" for the florist trade.

½ tr. pkt. \$1.00; tr. pkt. \$1.75; ¼ oz. \$2.75; ¼ oz. \$6.00; oz. \$18.00.

Ball Pink No. 11. Fine clear rose-pink.

Ball Rose-Pink No. 14. Deeper than No. 11. Strong grower.

Ball Supreme No. 22. Fine heavy spikes of rich silvery rose.

Chamois Pink. (Ball No. 9.) Chamois-pink.

Illusion. (Ball Ruby.) Scarlet-red.

Malmaison Pink Improved. Long spikes of soft shell-pink.

WHITE

White Giant. A new and outstanding white a week to ten days earlier. The extra large flowers are a pure glistening white on a tremendous flower spike.

Avalanche is definitely the earliest of all White Column Stocks. The flower spike is particularly long and massive with the very double individual florets.

Ball White No. 2. Long-stemmed white, slight pink blush.

Ball White No. 16. Pure white, semi-tall, compact grower.

Gardenia. Shimmering glistening white.

MISCELLANEOUS VARIETIES

Ball Apricot No. 20. A strong-growing buff with a faint pink tinge.

Yellow Wonder (Gold Standard). The color is rich creamy yellow.

Florist Mixture.

Each of the above (except where noted): ½ trade pkt. 75c; trade pkt. \$1.25; ¼ oz. \$2.75; oz. \$10.00.

Giants of California

Giants of California are very early flowering with a high percentage of double mammoth flowers and have the branching habit of the Bismarck. If planted close they will nearly attain the height of Column Stock, approximately 2½ to 3 feet.

Selected Mixture. Contains yellow, white, pink, rose, red, blue, and purple.

½ trade pkt. 30c; trade pkt. 50c; ¼ oz. \$1.40; oz. \$4.75.

Early Giant Improved Bismarck

An especially good class of branching habit. Very early bloomer producing a very high percentage of doubles. Suitable for greenhouse culture or growing out-of-doors. Height 2½ ft.

Buttercup. A deeper shade than canary-yellow. **Fiery Blood-Red.** Extra fine.

Canary-Yellow (Golden Ball). **Lavender.**

Chamois. Ivory, tinted old-rose. **Lilac.**

Dark Blue. New shade. **Rose-Pink.**

Elk's Pride. Intense royal purple. **White.**

Mixed Colors.

Each of the above, ½ trade pkt. 30c; trade pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

PRIMULAS MALACOIDES

Glory of Riverside, Improved. True rose-pink, a strong grower and without a doubt the most valuable variety for all purposes.

Lavender New Baby, Improved. While some flowers are a lavender-pink, this variety does contain the most beautiful shades of lavender.

Mrs. Eriksson of Riverside. Large flowers of deep rose-red.

New Giant Salmon-Rose. Large flowers of light salmon-rose.

White Giant (Pure White). Large pure white flowers on strong stems; good for combinations.

Malacoides Special Mixed.

Each of the above, tr. pkt. \$1.25; 1/64 oz. \$3.00; 1/32 oz. \$5.50.

GIANT OBCONICAS

Wyaston Wonder. Produces flowers of truly immense size. By far the largest-flowered variety. Growth is exceptionally vigorous and the huge heads of bright crimson flowers are carried on strong stems well above the foliage.

½ trade pkt. 75c; trade pkt. \$1.25; 1/64 oz. \$3.00.

Fasbender. Very compact, with enormous deep crimson blooms.

Mohnstein Kermesina. Crimson.

Mueller. (Berlin.) Bright rose.

Mueller and Mohnstein, Mixed. Shades of pink and red.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.25.

OBCONICA, SUPER-GIANT STRAINS

Giant Blood Bed. Dark blood-red shade.

Giant Crimson. Enormous size truss; crimson color.

Giant Rose Queen. Brilliant rose-pink.

Giant White. Pure white.

Giant Choice Mixed. A mixture of the above and other colors.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.25.

FRINGED CHINESE VARIETY

Michell's Prize Mixture. This mixture contains only the very finest sorts. Trade pkt. \$1.25; 1/32 oz. \$3.00.

STREPTOCARPUS "WIESMOOR" HYBRIDS

Result of 20 years breeding. The formula mixture contains 18 distinct colors and bicolors, veined and blotched designs. Very free blooming. Seedlings of 6 to 8 months produce 15 to 25 wiry stems at a time, each bearing several flowers (many fours). Flowers very large, most daintily fringed and waved.

This excellent new Streptocarpus requires a temperature of 55 to 60 degrees to develop excellent pot plants, also most attractive Orchid-like cut flowers.

Originator importers trade pkts. \$1.75; 3 trade pkts. \$4.75

VIOLA

GEORGIA PEACH

An exceptionally large flowered variety, bright shades of delicately peach-colored flowers on well-formed compact plants.

Tr. pkt. \$1.00; 1/16 oz. \$1.50; ¼ oz. \$2.50; ¼ oz. \$4.00.

Trade pkt. ¼ oz. Oz.

Arkwright Ruby. This new variety is of the large-flowered type. Very fragrant beautiful bright rosy crimson blooms with terra-cotta shadings make it a very outstanding variety ¼ oz. \$1.65 ..\$0.50 \$3.00 \$9.00

Jersey Gem. This is the most popular and free-blooming of all the Violas. Pure rich violet blooms. Dwarf in habit and continuously in bloom. ¼ oz. \$2.00 .. .50 3.25

VIOLA CORNUTA - Tufted Pansies

	Tr. pkt.	¼ oz.	Oz.
Blue Perfection. Light blue	\$0.50	\$1.75	\$5.50
Chantreyland. New. A fine new variety in a pure apricot, outstanding in color ¼ oz. \$1.25 ..	.50	2.00	6.50
White Perfection. Pure white .....	.50	1.75	5.50
Yellow Perfection. Golden yellow .....	.50	1.75	5.50
Mixed. All colors .....	.40	1.50	5.00
Scotch Bedding, Mixed. Produces larger flowers than V. cornuta ¼ oz. \$1.25 ..	.50	2.00	6.50



SWEET PEAS

Winter Flowering Giant Spencer

LAVENDER AND BLUE

Ball Blue Supreme. Much larger flowered than Mrs. Hoover. A long-stemmed, heavy producer.

Eleanor Blue. Light blue with silvery sheen.

Fragrance. A clear lavender self; flowers large, beautifully frilled and on enormous, long, strong stems. Very free bloomer.

Harmony. A beautiful clear lavender.

Michigan. Giant clear lavender.

Mrs. Herbert Hoover. Flowers are clear blue; long stems.

Top Hat. Deep bright violet.

Triumph. A beautiful clear shade of soft lilac-mauve, without a tinge of purple or blue.

Twilight. Good, long-stemmed, large-flowering, lavender variety.

ORANGE AND RED

Ball Orange Improved. Deep glowing orange.

Fiesta. Finest orange-red early Sweet Pea.

Forest Fire (Michell). Giant, bright orange-scarlet, duplexed flowers that will not burn. Good strong stems.

Gorgeous (Michell). A glistening golden cerise brightening to a carmine. The magnificent, large, duplexed flowers are produced in fours and fives on long, stiff stems.

Sparks. Large-flowered variety with a broad yet daintily frilled standard. Intense, sparkling, bright orange-scarlet.

Top Sergeant (Michell). A deep blood-red-crimson. Large, bold-faced flowers with extra-strong stems.

Treasure Island. Sparkling golden orange; flowers are huge.

MIXED COLORS

Michell's Winter-Flowering Spencer, Mixed. From named sorts. Oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

Spring Flowering CUTHBERTSON STRAIN

For greenhouse sowing between October and February, this new strain is superior to the early or winter class. While the stronger growth makes them a week or 10 days later flowering, they are generally longer stemmed and last longer into the spring than the weaker-growing earlies.

Billy. Clear cerise or light carmine.

Coline. Vivid, intense scarlet.

Danny. Deep navy blue.

Evelyn. Extra strong stemmed. Soft salmon-pink.

Flora. Pure rose-carmine.

Frank G. Fine soft rosy lavender. Named for the originator of the new Cuthbertson strain.

Helen. Blush-pink on white ground.

Janet. Large frilled flowers of pure white are carried on long heavy stems. Black seeded.

Jessie. Closely resembles winter-flowering Triumph in its rich coloring.

Kenneth. Rich deep crimson.

Lois. Similar in color to Ball Rose Queen in the winter class.

Tommy. A clear mid-blue about the color of Mrs. Hoover in the winter class.

Mixture. A well-balanced mixture of the above colors.

Any of the above: $\frac{1}{2}$ oz. 35c; oz. 55c; $\frac{1}{4}$ lb. \$1.65; lb. \$6.00

PINK, ROSE AND SALMON

Ball Rose Improved. Sparkling deep rose.

Boon. Deep salmon-pink on light cream.

Bridesmaid. Sparkling silver-pink. Large flowers usually in fours on 14 to 16-inch stems.

Eileen. Begonia-rose, with salmon shadings.

Giant Rose. Rose color. Extra-fine variety.

Jeanne Mamitsch. Flowers large, on long stems; a beautiful shade of rose-pink.

Laddie Improved. Giant bright rose on long stems.

Nugget. New. The color is a soft coral-rose, with tints of gold. An ideal show variety.

Shirley Temple. Brilliant rich rose-pink; four large blooms on each stem.

Tops. This beautifully duplexed Sweet Pea is a delicate rose-pink color, with a soft salmon sheen.

WHITE

Hope. The finest black-seeded pure white.

White Champion. Long-stemmed; pure white. White seeded.

White Harmony. A black-seeded variety. Flowers large, pure paper-white.

Any of the Winter-Flowering Giant Spencers: $\frac{1}{2}$ oz. 35c; oz. 65c;
 $\frac{1}{4}$ lb. \$1.65; lb. \$6.00.

PLEASE NOTE.—The pound rate will apply only where $\frac{1}{2}$ pound or more of a variety is ordered.

Zvolanek's Multi-Flowered

This is definitely the newest thing in greenhouse Sweet Peas. This type is unusually free-flowering and the exceptional stem length carries five to six flowers instead of the usual three and four. Sweet Pea growers can readily appreciate what this will mean in better market returns over a period of a few weeks of picking. We strongly recommend them where long stems and premium quality are wanted.

Orange Cerise. Large flowered brilliant orange.

Orchid Lavender. Shade close to twilight; large blooms on long stems.

Rose. Extra large medium rose flowers with many 5's on extra long, heavy stems. Vigorous growth.

Salmon-Pink. Large, medium rose-pink flowers with salmon cast. 4's and 5's. Stems are extra long, but not as heavy as the above varieties.

Whirlwind. Probably the finest of the new Multi-flowered type. Extra large, light rose flowers are borne in 5's and 6's on extremely heavy 14- to 16-inch stems. Growth is very vigorous and strong.

White. Pure white. Many 5's on long, strong stems. Very promising.

Mixed.

Prices above varieties, each: $\frac{1}{2}$ oz. \$1.10;
1 oz. \$2.00; 4 ozs. \$6.75; 1 lb. \$20.00

*Alyssum

	Trade pkt.	Oz.
Saxatile compactum. Golden yellow	\$0.30	\$1.25
Saxatile compactum, Silver Queen. Pale primrose ....	.40	3.00
Rock-Garden Hybrids, Mixed 1/8 oz.	\$0.75	.50

Anchusa

Italica, Dropmore. Bright blue .....	.25	1.00
*Myosotidiflora. Small forget-me-not blue flowers. 15 in.	1/8 oz. \$1.25; 1/4 oz. \$2.25	.50

Anemone - Windflower

Hardy perennial. Blooms excellent for cutting.

Caen Hybrids. Choice mixture .....	.50	2.50
Coronaria, St. Brigid. Semi-double. Various colors. 1 ft.	1/4 oz. 85c.	.50 3.00

*Anthemis

Tinctoria Kelwayi. Bright yellow flowers. 2 ft.25	1.00
---	-----	------

Aquilegia - Columbine

Crimson Star. Crimson and white	1/8 oz. \$1.50	.50
--	----------------	-----

LONG-SPURRED VARIETIES

	Trade pkt.	1/8oz.
Longissima. Delicate shade of yellow	1/16 oz. \$2.00	\$0.75
Copper Queen. Copper-red, straw corolla .....	.50	1.25
Blue Shades .....	.50	1.25
Orange and Scarlet Shades .....	.50	1.25
Pink and Rose Shades .....	.50	1.25
Snow Queen. Pure white .....	.50	1.25
Mrs. Scott Elliott's Select Strain. 1/4 oz. \$1.50; oz. \$5.00	.50	
Hybrids. Mixed colors	1/4 oz. \$1.00; oz. \$3.50	.40



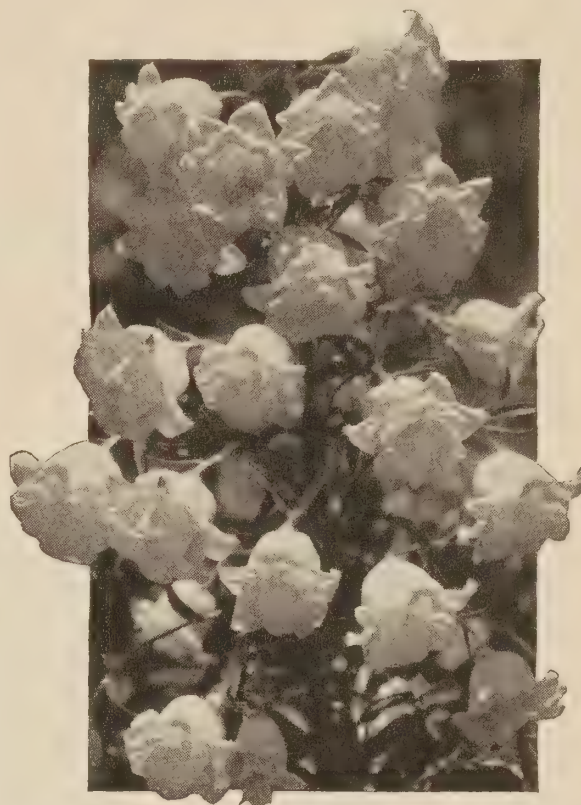
Aquilegia

Arabis - Rock-Cress Trade pkt. Oz.

*Alpina. Dwarf, spring-flowering perennial for edging and rockery. Flowers pure white. 1 ft.	1/4 oz. 75c.	\$0.40 \$2.50
*Alpina rosea. Bright rose flowers. Very dwarf. 8 in.	1/4 oz. \$1.50	.50

Auricula - Primula Auricula

*Choice Mixed. Hardy perennial with flowers of many beautiful colors. 6 in.	1/8 oz. \$1.75; 1/4 oz. \$3.00	.50
---	--------------------------------	-----



Campanula Medium Calycanthema

Campanula - Bellflower

Campanula Medium - Canterbury Bells

BIENNIAL

	Trade pkt.	1/4oz.	Oz.
Calycanthema, Blue. Cup-and-Saucer } Crop Failure			
Calycanthema, Lilac			
Calycanthema, Pink			
Calycanthema, White .....	.30	.60	2.00
Calycanthema, Mixed .....	.30	.60	2.00
Single Blue. Cup .....	.25	.40	1.00
Single Pink .....	.25	.40	1.00
Single White .....	.25	.40	1.00
Single Mixed .....	.25	.40	1.00
Double Mixed .....	.25	.70	2.50

Miscellaneous Varieties

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade pkt.	1/8oz.	1/4oz.
Persicifolia grandiflora, Blue. Grows 3 to 4 feet high and produces large, bell-shaped flowers	\$0.50	\$1.25	\$2.00
Persicifolia grandiflora alba. White .....	.50	1.25	2.00
Pyramidalis, Mixed. Chimney Bellflower. 5 ft. ...	.25	.75	1.25

Candytuft - Iberis

	Trade pkt.	1/4 oz.	Oz.
Gibraltarica. Lilac, shading to white	\$0.25	\$0.50	\$1.50
Sempervirens. White .....	.50	1.25	4.50

Carnation

Grenadin, Perennial Varieties

The Grenadin Carnation is an excellent early blooming, large-flowering type, fine for cut flowers.

Black King. A fine dark red.	White. Snow-white.
Cardinal. Brilliant scarlet.	White Gold. Beautiful soft yellow.
Triumph Pink. Pure rose-pink.	Mixed.
Each of the above: trade pkt. 50c; 1/4 oz. \$2.00; oz. \$6.00.	

Centaurea

Montana. Large Cornflower with blue flowers. Trade pkt. 25c; oz. \$1.25

Cerastium - Snow-in-the-Summer

***Tomentosum.** Silvery foliage. White flowers. 1 ft.
Trade pkt. 25c; 1/4 oz. 60c; oz. \$2.00.

Cheiranthus

Allioni. Siberian Wallflower. Orange Trade pkt. 25c; oz. 75c

Delphinium (Perennial Larkspur)

One of the most popular perennials. Excellent for cutting.

New Super-Giant Pacific Hybrids

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew and is proving splendid for cut flowers.

ASTOLAT SERIES (New)

A fine mixture ranging from pale blush through pink, rose and lilac, with dark bees.

1/2 tr. pkt. \$1.50; tr. pkt. \$2.25; 1/8 oz. \$4.50; 1/4 oz. \$8.00.

Black Knight Series. Darkest of them all. Individual flowers exceedingly large, of beautiful round form, with heavy velvety texture that gives the color luminosity and vividness.

Blue Bird Series. The clearest medium blue with white bee. Huge, tall spikes; an excellent variety.

Bluejay Series. The true blue color which is so rare in nature and so difficult to obtain—clear medium to dark blue.

Cameliard Series. A lovely pure lavender self with white bee. Well-balanced spikes; a beautiful variety.

Galahad Series. Clear white of enormous size, averaging 3 inches in diameter. Good branching habit; strong, whippy stems. The best pure white Delphinium.

Guinevere Series. A magnificent light pink-lavender with white bee; fine large spike.

King Arthur Series. A true royal purple with white bee.

Percival. White with contrasting black bee. Very attractive.

Round Table Series. This represents all of the color combinations of the knights and their ladies. Three hundred different crosses were used to make up this group of seed.

Summer Skies Series. Clear light blue with white bee. Excellent for cutting.

White Majesty. Giant; pure white.

Each of the above: trade pkt. \$1.50; 1/8 oz. \$2.50; 1/4 oz. \$4.50; oz. \$15.00.

Mixed Colors. Trade pkt. \$1.25; 1/8 oz. \$2.50; 1/4 oz. \$4.00; oz. \$14.00.

Trade pkt. Oz.

Blackmore & Langdon's Imported Strain. A new improved type of this fine English variety. Plants are of strong, vigorous growth and produce immense spikes of large flowers. Every describable shade of blue is in this mixture 1/4 oz. \$1.25..\$0.50 \$4.00

Chrysanthemum

	Trade pkt.	1/8 oz.
Korean Hybrids. Single and semi-double type in fine color range. Excellent for cutting 1/4 oz. \$4.50..\$1.00 \$2.50		
	Trade pkt.	Oz.
Shasta Daisy, New Giant Double White. Extra large, on long, stiff stems, fine for cutting 1/16 oz. \$1.50..\$0.50		
Shasta Daisy, Alaska. Pure white ..... .25 1.25		
Shasta Daisy, Conqueror. Giant-flowering white ..... .25 1.25		

*Coreopsis

Lanceolata grandiflora. Golden yellow ..... .25 .75	
Lanceolata grandiflora fl-pl. Double-flowering Coreopsis. Double and semi-double flowers ..... .25 1.00	

Daisy, Double English Bellis perennis

The Monstrosa varieties surpass all other strains in their strong, robust growth and extra-large, double flowers. 6 in.

	Trade pkt.	1/8 oz.	1/4 oz.	Oz.
*Monstrosa, Crimson Ball. Dark red \$0.50 \$1.75 \$3.25 \$10.00				
*Monstrosa, Pink ..... .50 1.75 3.25 10.00				
*Monstrosa, White ..... .50 1.75 3.25 10.00				
*Monstrosa, Mixed ..... .50 1.75 3.25 10.00				



Delphinium - Super Pacific Hybrids

OTHER VARIETIES

SAPPHIRE (New)

A hardy improved Formosum type, a shade lighter and brighter than Bellamosum with a golden bee. This strain possesses immense florets in comparison with Belladonna and Bellamosum. An excellent florist strain. Tr. pkt. 50c; 1/8 oz. \$1.50; 1/4 oz. \$2.50; oz. \$7.50.

	Trade pkt.	Oz.	1/4 lb.
Belladonna, Improved (Cliveden Beauty). A very select strain. Turquoise-blue 1/4 oz. \$0.85..\$0.40 \$3.00 \$11.00			
Bellamosum, Improved. A dark blue type of Belladonna 1/4 oz. \$0.85.. .40 3.00 11.00			
Cardinale. Large, brilliant scarlet flowers 1/4 oz. \$0.75.. .40 2.75			
Lamartine. Deep bright marine-blue with eye. Outstanding for color and cut flower habit 1/4 oz. \$1.35.. .50 4.75			
Michell's Gold Medal Hybrids. A fine strain. Long spikes of large flowers ..... .30 1.65 5.50			

The seed of Cardinale is of slow germination.

Dianthus - Pinks Hardy Garden Varieties

	Trade pkt.	Oz.
* Caesius . Cheddar Pink	1/4 oz. 60c.	\$0.30 \$2.00
Clove-scented, Double and Semi-Double, Mixed ...	.30	1.50
Deltoides, Brilliant . Maiden Pink. Dwarf. Carmine	1/4 oz. \$1.50	.40
Double Scotch, Mixed . Choice colors	1/4 oz. \$1.00	.40 3.50
Pheasant's Eye, Mixed . Single; fringed	1/4 oz. 50c.	.25 1.50
* Rock-Garden Species . A mixture of 25 rare varieties	1/4 oz. 85c.	.50 3.00



Dianthus Caesius

Digitalis - Foxglove

Excelsior Hybrids. (Biennial.) A distinct new strain with florets carried all around the stem. The color range includes white through cream to pink and purple. Strong, heavily laden spikes reach a height of 5 to 6 ft. Trade pkt. 50c; 1/4 oz. \$1.00; oz. \$3.50.

Giant Shirley, Mixed. Enormous spikes of flowers. 3 to 5 ft. Trade pkt. 25c; 1/4 oz. 60c; oz. \$2.00

Monstrosa. Mammoth spikes; various colors. Trade pkt. 25c; 1/4 oz. 50c; oz. \$1.50.

Gaillardia - Perennial Varieties

Very showy and excellent for the border or for cutting. 2 1/2 to 3 ft. Trade pkt. Oz.

Grandiflora, Monarch Strain. Giant flowering. Exquisite mixed \$0.60 | \$2.00 |

Grandiflora, Portola Hybrids. Flowers of immense size, bronzy red with golden-tipped petals 1/4 oz. 60c. | .40 2.00 |

Grandiflora Superba, Mixed 1/4 lb. \$5.50 | .30 1.60 |

Geum

Beautiful hardy perennials, bearing a profusion of large, showy double flowers the entire summer. Trade pkt. Oz.

Lady Stratheden. Golden yellow. 2 ft. 1/4 oz. 75c. | \$0.50 \$2.50 |

Mrs. Bradshaw. Brilliant scarlet. 2 ft. 1/4 oz. 75c. | .50 2.50 |

Prince of Orange. True orange 1/4 oz. \$1.25 | .50 |

Gypsophila - Baby's Breath

Paniculata. Graceful sprays of white flowers. 3 ft. 1/4 lb. \$2.25 | \$0.20 \$0.75 |

Paniculata fl-pl. Double white flowers. Comes 30 to 40 per cent true. 3 ft. 1/4 oz. \$1.25 | \$0.50 \$4.40 |

***Repens**. A pretty trailing perennial with tiny white flowers. Fine for the rock garden. 6 in. 1/4 oz. 85c. | .30 3.00 |

Heuchera

Sanguinea Splendens. Bright vermilion \$0.50 | \$1.75 |

Sanguinea hybrida, Choice Mixed. 30 in.50 | 1.75 |

Hibiscus - Marshmallow

Giant Choice Mixed 1/4 oz. 50c. | \$0.25 \$1.75 |

Hollyhock

Our seed of this popular perennial plant is saved from extra-fine double flowers and cannot be surpassed.

Improved New Triumph. Rustproof. Flowers double, waved and fringed in a selected mixture of many choice new colors.

Trade pkt. 40c; 1/4 oz. \$1.25; oz. \$4.00

Double Newport Pink. Pure pink.

Chater's Double Maroon

Chater's Double Red

Chater's Double Salmon

Chater's Double White

Chater's Double Yellow

Chater's Double Mixed

Each of the above: trade pkt. 40c; 1/4 oz. 65c; oz. \$2.00.

Double Everblooming Mixed. Blooms the first year.

Trade pkt. 25c; oz. \$1.25

Single Hollyhock

Mixed Colors. Trade pkt. 25c; oz. \$1.00

Honesty - Lunaria

Biennis alba. Biennial. Admired for its silvery seed-panicles. 3 ft.

Trade pkt. 40c; oz. \$1.25

Lathyrus latifolius - Perennial Pea

A hardy climber growing 6 feet high.

Choice Mixed Trade pkt. 1/2 oz. | Oz. \$0.25 \$0.85 \$1.50 |

Lavender - Lavandula

Vera. True Lavender. Fragrant blue flowers. 2 ft.

Trade pkt. 50c; 1/4 oz. \$1.25; oz. \$4.00

Liatris

Trade pkt. Oz.

Pycnostachya. A showy border plant with rosy purple flowers. Excellent for cutting. 4 ft. 1/4 oz. \$0.85 | \$0.40 \$3.00 |



Lupinus polyphyllus

Lupinus polyphyllus

Effective perennial plants with large spikes of flowers.

Mixed. All colors Trade pkt. 1/4 lb. \$4.00 | \$0.25 \$1.25 |

New Hybrids, Mixed25 | 1.25 |

Russell Lupins. This new strain of perennial Lupins has caused a sensation in horticultural circles. The long, closely furnished spikes come in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never before seen in Lupins. The florets are large, with flat fan-like standards, and unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. We offer seed grown from the originator's stock.

Trade pkt. \$0.50; oz. \$2.00

Varieties marked * are especially suited for rock-gardens

Lily - Lilium

Regale (L. myriophyllum). Perfectly hardy. Excellent for forcing. Flowers waxy white. Trade pkt. 25c; oz. \$1.25
White Queen. A giant, snow-white, early flowering variety of the Philippinense formosanum type. This strain bears very large flowers and will bloom in approximately 15 months from seed. Trade pkt. \$1.00; 1/8 oz. \$2.50; 1/4 oz. \$4.50

Linum - Flax

Perenne. Large blue flowers. 1 1/2 ft. Trade pkt. 25c; oz. 75c

Lychnis

Hardy perennial plants of easy culture.
Chalcedonica. Scarlet, cross-like flowers. 2 ft. Trade pkt. 25c; oz. \$1.40

Myosotis - Forget-me-not

	Trade pkt.	1/4oz.	Oz.
Alpestris, Pink	\$.40	\$0.75	\$2.50
Alpestris, White	.40	.75	2.50
Alpestris, Victoria . Bright blue. Dwarf	.50	1.50	5.00
Bluebird . Extra early-flowering; bright blue	.40	.85	3.00
Royal Blue . Dwarf indigo-blue. A fine dark blue	.40	.85	3.00
Mitchell's Winter-Flowering . The finest variety for forcing. Long stems. Large deep blue flowers.	.50	1.00	3.50
Palustris semperflorens . Everblooming. Blue	.40	.75	2.50
Choice Mixed	.25	.50	1.50

Hardy Phlox

BELTSVILLE BEAUTY. Perennial. Developed by U.S.D.A., Beltsville, Md., is a broad mixture of colors. Besides the usual mauve, the mixture contains lavender, carmine, crimson, salmon-pink, pink with dark eye (similar to Painted Lady), pink-white with dark eye, and a sizeable proportion of pure paper-white. To insure good germination, seed should be frozen before planting.

Trade pkt. 75c; 1/4 oz. \$1.50; oz. \$5.00.

Decussata, Mixed. Choice selection.

Trade pkt. 30c; 1/4 oz. 60c; oz. \$2.00.

Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring.

Physalis - Chinese Lantern Plant

Francheti. Perennial. Orange-scarlet fruits. 2 1/2 ft. Trade pkt. 25c; 1/4 oz. 75c; oz. \$2.50.

Poppy - Papaver Perennial Varieties

Iceland, Kelmscott. The flowers of this strain are larger than we have ever seen on any variety of Iceland Poppy, measuring as much as 3 inches across. The color range is from deep scarlet through delicate pinks and buffs to pure white.

Trade pkt. 75c; 1/4 oz. \$1.25



Oriental Poppy

	Trade pkt.	1/4oz.
Iceland, Yellow Wonder . Bright buttercup yellow, fine for cutting	\$.40	\$0.75
Iceland, Single Mixed	.25	.50
Oriental, Deep scarlet	.25	.75
Oriental, Mrs. Perry . Rich salmon-pink	.50	1.00
Oriental, Royal Scarlet	.50	1.00
Oriental Hybrids, Mixed	.30	.85

Pyrethrum hybridum Perennial Varieties

Undoubtedly among the best hardy perennials, both for garden work and cut-flower purposes. For the florist, a row of two or three hundred plants will prove very useful. Absolutely hardy and of very easy culture. 2 1/2 ft.

	Trade pkt.	1/4oz.	Oz.
Atrosanguineum . Single, dark red shades	\$.50	\$1.50	\$5.00
Roseum . Single; pink shades	.50	1.50	5.00
Hybridum, Choice Double, Mixed	.50	2.50	7.50
Robinson's Giant-Flowered Mixed	.50	1.75	6.00

Polyanthus - Primula polyantha

***Mixed**. English. Single flowers. Trade pkt. 50c; 1/4 oz. \$2.00; oz. \$7.00
Primula Veris Mixed. Cowslip. Trade pkt. 50c; 1/4 oz. \$2.00; oz. \$7.00
Veris Colossea. (Perennial.) The largest flowered hardy Primula in as wide a color range as possible, including attractive pastel shades. A very attractive perennial for the rock garden and semi-shaded border. Trade pkt. \$1.25; 1/8 oz. \$3.00; 1/4 oz. \$5.25

Scabiosa - Mourning Bride Perennial Varieties

The seed of the perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded. Tr. pkt. 1/4oz. Oz.

Caucasica, Giant Hybrids. Isaac House Strain. A fine improvement in the Caucasica strain, with flowers one-third larger and with longer stems. Colors range from light lavender to dark blue. Excellent for florists' use \$0.50 \$1.25 \$4.00

Shasta Daisy

New Giant Double White. Fine for cutting. Flowers are about 5 inches in diameter and have the appearance of a giant Aster.

Trade pkt. 50c; 1/16 oz. \$1.50

Trade pkt. Oz.

Alaska. Pure white. Excellent for cutting \$0.25 \$1.25

Conqueror. Giant-flowering white .25 1.25

Statice - Everlasting Flower

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state. Trade pkt. 1/4oz. Oz.

Caspia. Lilac. 3 ft. \$0.50 \$0.75 \$2.50

Dumosa. Silvery gray. 2 1/2 ft. .50 .85 3.00

Latifolia. Large, deep blue flowers .40 .65 2.25

Sweet William - Dianthus barbatus

DWARF DOUBLE MIXED

A special selected strain of this popular flower growing only 6 to 8 inches high. An excellent variety for basket work. Contains a very fine range of colors.

Tr. pkt. 30c; 1/4 oz. 60c; oz. \$2.00; 1/4 lb. \$6.00.

	Trade pkt.	1/4oz.	Oz.
*Dwarf or Alpine . Single. A fine new strain of dwarf type, suitable for edging and rock-gardens. Color range a selection of many bright and dark shades	\$0.40	\$1.00	\$3.50
Crimson	.25	.60	2.00
Holborn Glory . Giant Auricula-flowered, mixed	.25	.60	2.00
Newport Pink . Salmon-pink	.40	.75	2.50
Purple Beauty . Bright deep purple	.25	.60	2.00
Scarlet Beauty . Rich deep scarlet	.40	.75	2.50
Sutton's Giant White . The finest large-flowering pure white Sweet William	.40	.75	2.50
White	.25	.60	2.00
Single, Mixed . All colors	.25	.50	1.75
Double, Mixed . All colors	.25	.75	2.50

Sweet Rocket - Hesperis

Trade pkt. Oz.

Mixed. Hardy perennial. Purple and white, fragrant flowers. 3 ft. \$0.25 \$1.00

Thalictrum

Hardy perennial plants with finely cut foliage.

Dipterocarpum. Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft. Trade pkt. 40c; 1/4 oz. 75c; oz. \$2.50

Thermopsis

Caroliniana. Yellow, Lupin-like flowers.

Trade pkt. 40c; 1/4 oz. 75c; oz. \$2.50

Tritoma - Red-Hot Poker

Hybrida, Mixed. 2 ft. Trade pkt. 40c; 1/4 oz. 75c; oz. \$2.50

Wallflower

Trade pkt. 1/4oz. Oz.

Double "Early Wonder Mixed". Extra-early, flowering in 90 days \$0.30 \$0.60 \$2.00
Paris Extra-Early, Mixed. Single. Blooms the first year from seed. Excellent for forcing .20 .60

Varieties marked * are especially suited for rock gardens.

Michell's Florists' Supplies

Greenhouse Wheelbarrow

No. 3GH225. Length over-all, 62 in.; width over-all, 20 in.; height over-all, 27 in. Length of the bed, 26½ in.; width of bed front 15 in.; width of bed rear, 19½ in. Bed depth, 11¾ in. Weight, 34 pounds. With pneumatic tire, \$32.00.

No. 67. Buch Style. With pneumatic tire. 15-in. front, 18-in. back, 12-in. deep. Handle spread 20 in. \$37.50.

Electric Hose

This hose is a two-braid rayon thread. Can be cut in any length.

¾-in. 2-braid rayon	Per ft.	\$0.50
½-in. 2-braid rayon		.38

25-ft. sections coupled free.

Rubber Hose

Vigilant. ¾-in. 2-braid. 25 ft. coupled. \$7.65
Vigilant. ¾-in. 2-braid. 50 ft. coupled. 14.00
Full-Flo. ¾-in. 2-braid. 25 ft. coupled. 7.50
Full-Flo. ¾-in. 2-braid. 50 ft. coupled. 13.00
Full-Flo. ¾-in. 2-braid. 100 ft. coupled. 25.00

Spray Pump Hose. ¾ in. No. 7B . . . \$.28
 ¼ lb. Lb.

Hose Washers. ¾-in. . . . \$0.30 \$0.90

Sure Grip Bands. Can be furnished in ½-in., ¾-in., and ¾-in. Doz. 60c.

Water Breakers



The "400" Water Breaker

No. 400. Breaks the water pressure and gives a fine, even spray. Cast aluminum, unbreakable. Ideal for greenhouse use. Each \$1.50; 3 for \$4.00.

Fogg-It Nozzle

The new fine mist sprinkler that really reduces water consumption and gives a full uniform coverage and wetting effect. Each \$1.50; 3 for \$4.00.



Hozon Syphon

A simple yet effective way to apply liquid fertilizer. Just attach between faucet and hose. \$2.00.

Prices Subject to Market Change.

Aprons

Rubber \$4.35
Blue Denim 1.75
Lightweight Rubber. 26x40 in. 3.15

Evermark Pencils

You can read the name after months of exposure to sun and rain. 20c each; doz. \$1.50.

Gro-Hose

Automatic Bench Waterer
 Scientifically designed Polyethelene hose 2¼ in. wide, has four holes spaced every 8 inches apart. Waters the full length and breadth of your benches—automatically.



Prices: 1 to 1000 ft., 9½¢ per ft. 1000 to 5000 ft., 8½¢ per ft.

Headers. Two-Way, \$3.00 each. Four-Way, \$3.75 each.

Pruning Shears



No. 142. Disston. 8-in. \$2.50
No. 158. Disston. 8½ in. 3.55
No. 908 Wiss Hy-Power 2.50

Florists' Budding and Propagating Knives

No. 716. The florist's favorite. 2-blade white bone handle, for budding and propagating \$3.00
No. 182. 1-blade; ebony handle 2.75
No. 175. 1-blade; coca handle 2.50
No. 100. 1-blade; bone handle with clip 2.25
No. 176. 1-blade; white bone handle 2.00

Standard Greenhouse Thermostat

Automatic device for control of temperature in greenhouses. Alarm will guard against low or high temperatures 24 hours a day. Furnished complete with the exception of wire, battery and bell. All brass. Price, f.o.b. Philadelphia.

No. GH3. Not waterproof style . . . \$17.00
No. GH4. Waterproof style 22.00

Thermometers

Maximum and Minimum. Registers the coldest and warmest points during the previous night. Copper case. 10 in. . . \$8.50

TESTED GRADE

No. 5132. Temprite greenhouse. 8-in. White column 2.00

Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. Box of 1000, \$2.30; 5000, \$10.50; 10,000 \$20.00.



Twines

	Ball	Lb.
Jute. 3-ply. Weight per ball, ½ lb. 5 lbs. 4.00; 10 lbs. \$6.50 . . . \$0.45		\$0.85
Special White Cotton. 3-ply60		1.10
2-lb. cones, \$2.25.		
Binder. 5-lb. balls, \$1.50; 5 balls, \$1.40 each; 10 balls, \$1.30 each.		
Express. No. 6. Very heavy85		
Green Silkaline. F, fine; FF, medium; FFF, coarse. Lb. (8 spools), \$4.25.		
Green Sea Island. 1-lb. cones \$1.50. 12 balls per box, 1 lb. \$1.50. 5 boxes, \$1.35 per box.		

BLACK SHADING CLOTH

For shading Chrysanthemums during normal summer growing season. These two standard grades, tested and approved by commercial growers throughout the country transmit less than half of 1% of light. Furnished in 36-in. width or sewed into wide sheets in multiples of 18 in. to specifications.

	Per Sq. Yd.
No. 575	\$0.75
No. 258 . . . . .	.82

Hotbed Mats

Burlap, Waterproof One Side.
 76x76 in., covering two regular size sash. Each \$7.00; doz. \$74.00.
 40x76 in., for one sash. Each \$4.50; doz., \$52.00.

CEL-O-GLASS

Use the new improved style on your cold frames and newly planted seeds. Not affected by hail, snow, rain or wind, and cannot break like glass. Highly translucent. Running ft.

28 in. wide, cut pieces	\$0.35
In full rolls of 25, 50, 75 or 100 ft. . . . .	.33
36 in. wide, cut pieces . . . . .	.45
In full rolls of 25, 50, 75 or 100 ft. . . . .	.43

CANE STAKES

Dyed Green—Pencil Thickness	Per Bale	
	Per 100	Per 1000 (2000)
1½-ft.	\$0.65	\$ 3.50 \$ 6.00
2 -ft. . . . .	.80	5.50 8.00
2½-ft. . . . .	.95	6.50 10.00
3 -ft.	1.10	7.50 13.00
3½-ft.	1.30	10.25 16.50
4 -ft.	1.45	11.00 18.00
5 -ft.	1.75	14.00 24.50
6 -ft.	2.15	17.00 28.00

10 Bales, less 5%. 25 Bales, less 10%.

Split Bamboo

Dyed Green	Per Bale	
	Per 1000	(5000)
12 in.	\$3.50	\$12.00
15 in.	4.00	15.00
18 in.	5.00	20.00
24 in.	6.00	25.00

Hyacinth Stakes

Wood Dyed Green	Per Bale		
	1000	6000	12,000
	lots	lots	lots
12 in.	\$4.50	\$25.50	\$48.00
15 in.	5.00	28.50	54.00
18 in.	5.50	31.50	60.00

Tonkin Bamboo

	Doz.	100	1000
4-ft.	\$1.10	\$6.75	\$70.00
6-ft.	1.80	11.50	110.00



Wired Toothpicks

Regular Size, 2½-in.			
10,000	\$6.00	50,000	\$19.00
3-in., dyed green.			
Box, 8000	\$8.50	Case, 40,000	40.00
4-in., dyed green.			
Box, 4500	\$8.00	Case, 10,000	16.00
6-in., dyed green.			
Box, 3000	\$6.50	Case, 10,000	20.00
4-in., green unwired.			
Box, 4000	\$3.50	Case, 10,000	8.00
6-in., green unwired.			
Box, 3000	\$3.50	Case, 10,000	11.00

ROOT FORMING CHEMICALS

ROOTONE. The plant hormone powder. Roots cuttings faster and makes more roots. 2 ozs. \$1.00—doz. \$8.00; 1b. \$5.00—doz. \$40.00.

TRANSPLANTONE. A stimulant for already formed root growth. 1 teaspoonful in 1 gal. of water. 3 ozs. \$1.00—doz. \$8.00; 1b. \$4.00—doz. \$32.00.

HORMODIN POWDER. Dip stems and place in usual propagating medium. For house, garden, and greenhouse plants use Hormodin Powder No. 1; No. 2 for woody types, and No. 3 for evergreens. **No. 1,** 1¾ ozs. 50c; 1b. \$3.00. **No. 2,** 1¾ ozs. 75c; 1b. \$4.50. **No. 3,** oz. \$1.00; ½ lb. \$4.50.

TERRALITE (VERMICULITE) PLANT AID. A growing medium for rooting cuttings, propagating seed germination, mulch, lightening heavy soil, storing bulbs. 2½ cu. ft. (14 lbs.) 2-bu. bag, \$1.50 per bag; 5 or more bags, \$1.15. 4 cu. ft. (20 lbs.) \$2.00 per bag; \$1.60 per bag in 5-bag lots.

LABELS

Tree Labels

	100	1000
Copper Wired. Painted	\$0.70	\$5.00
Copper Wired. Plain .....	.55	4.00

Painted Labels

Pot	No. in Pkg.	100	1000
4-in., 5/8 in. wide	1000	\$0.60	\$4.00
5-in., 5/8 in. wide	1000	.70	4.25
6-in., 5/8 in. wide	1000	.90	4.50
Garden			
8-in., 7/8 in. wide	250	1.10	9.50
10-in., 7/8 in. wide	250	1.25	11.50
12-in., 1 1/8 in. wide	100	2.00	19.00
Field	100	500	
18-in. not painted		\$8.50	\$40.00

Plain Pot Labels

	No. in pkg.	1000
4-in., 5/8 in. wide	1000	\$3.00
5-in., 5/8 in. wide	1000	3.25
6-in., 5/8 in. wide	1000	3.75
8-in., 7/8 in. wide	250	8.00
10-in., 7/8 in. wide	250	9.00
12-in., 1 1/8 in. wide	250	15.00



Twist-Ems (Bulk)

4-in. \$1.00 per 1000;	\$4.60 per 5,000;	\$8.90 per 10,000.
8-in. \$1.75 per 1000;	\$8.00 per 5,000;	\$15.50 per 10,000.
16-in. \$3.50 per 1000;	\$16.25 per 5,000;	\$31.50 per 10,000.
Continuous roll, 250 ft.	\$1.00;	\$8.00 per doz.

Aluminum Foil Pot Wrap (Duke)

An excellent item for every florist who sells pot plants. Improves the appearance of the plant and pot. Available in following colors: Platinum, Lavender, Fuchsia, Pink, Yellow, Moss, Blue, Royal, Black, Azalea, Orchid, Red, Gold, Nile, Chartreuse, and Purple.

	12 Rolls	Single Rolls	per roll
20-in. Silver. 50 ft.	\$1.60	\$1.50	
20-in. Colors. 50 ft.	1.70	1.60	

Corsage Pins

The finest indestructible, domestic bouquet and Corsage Pin made. Colors: Violet, Pink, Red, Green, Pearl, and White.

No.	2 in. Round head	2 1/2 in. Round head	2 in. Oval head	2 1/2 in. Oval head
No. 020.	.....	.80		
No. 020.	2 1/2 in. Round head	.....	.80	
No. 022.	2 in. Oval head	.....	1.00	
No. 022.	2 1/2 in. Oval head	.....	1.00	

Flower Vases, Galvanized Iron



No.	Top Diam.	Height Inside	Each	Doz.
65	7 1/2	8	\$1.50	\$14.00
66	9	10	1.65	18.60
68	9	12 1/2	1.80	20.00
69	9	18	2.45	27.00
253	5	10	1.15	12.50
254	5 1/2	11	1.25	13.75
255	6 1/2	12	1.40	15.75
256	6 1/2	13 1/2	1.50	17.00
257	6 1/2	15	1.90	21.25
258	6 1/2	17	2.10	23.25

Cemetery Vases

No. 10. Tin. Enameled; large. Doz.	\$3.00;
25, \$5.00; 100, \$15.00.	

Wedgewood Box Vase

No. 600. White. Weighted base. Top, 10 1/2 in. by 4 1/2 in.; depth, 7 1/2 in. 30 per case, \$9.90.

Jardier Bulb Box

No. 4. Rectangular construction. Ideal for planting bulbous stock; waterproof; self-aerating. Length 12 in.; width, 4 1/2 in.; height, 4 in. 50 per case, \$13.50. White only.

Jardiers

Color: White only.

No. 4J1. 5 1/8-in. top diam., 100 per case, \$10.00.

No. 5J1. 6 3/4-in. top diam., 90 per case, \$12.15.

No. 6J1. 7 3/4-in. top diam., 60 per case, \$9.90.

No. 7J1. 8 3/4-in. top diam. 40 per case, \$10.00.



ROSE VASE No. 400

Weighted base. White. Height 10 in. Top diam., 5 1/4-in. 40 per case, \$9.60.

SPRAY VASE No. 500

Weighted base prevents tipping. Use for funeral, hospitals, and all occasions. Height, 10 in., diam. top, 7 1/2 in. Color: white. 18 per case, \$6.66.

Artificial Flowers

Suitable for wreaths and design work. Best quality imported and domestic grades.

Carnations. No. 800H. (50 to a box.) Colors: Pink, White, Yellow and Pink, White and Pink, Red. 50 \$2.50; 100 \$4.50.

Dahlias. No. 7H. Lavender, Pink, Purple, Red, White, Yellow. 50 \$2.25; 100 \$4.00.

Roses. No. 2530H. (50 to a box.) White, Pink, Red, Ward. 50 \$2.50; 100 \$4.50.

Strawflowers (Helichrysum). On wired stems. 100 \$2.50; 250, \$5.50.

Green Glo

The Spray-On Plant Polish

Don't wipe or clean plant leaves as it may cause bruising. Just spray on Green Glo and let dry.

8-oz. \$7.60 per case of 24, suggested retail price 50c each.

1-qt. \$12.00 per case of 12, suggested retail price \$1.50 each.

1-gal. \$13.20 per case of 4.

Sprayer applicator (8-oz and qt.) \$1.80 per doz., suggested retail price 25c each.

Floralife

PACKETS

100 PACKETS IN DISPLAY BOX \$5.00

500 imprinted packets, factory filled .5c each

1,000 imprinted packets, factory filled .4c each

5,000 imprinted packets, factory filled .3 3-10c each

10,000 imprinted packets, factory filled .3c each

1,000 imprinted unfilled envelopes \$10.00

Floralife

BULK

30-qt. size (\$1.00 retail seller) \$0.60

100-qt. size (\$3.00 retail seller) 1.75

250-qt. size (10 lbs. net) 4.00

500-qt. size (20 lbs. net) 7.50

1000-qt. size (40 lbs. net) 13.50

2000-qt. size (80 lbs. net) 25.00

Prices in U. S. only

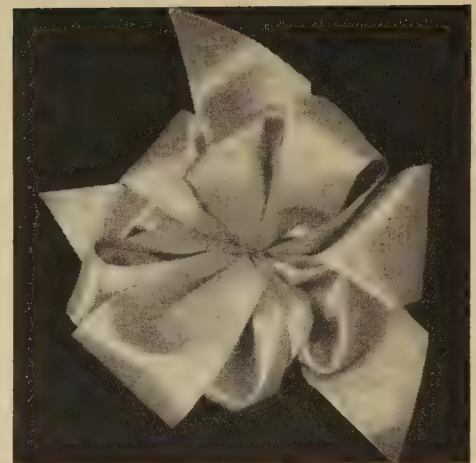
Florawax — Prevents Wilt

A new but thoroughly tested and guaranteed emulsion for coating flowers and foliage with a transparent film that greatly retards evaporation.

Easy to apply; just spray or dip. Gal. \$2.50; 5-gal. drum \$10.00.

Floraglow

Gives a radiant, lasting gloss instantly. Qt. 85c; gal. \$2.00.



Satin Ribbon No. 3

100-yd. bolt, 5/8-in. wide.

Beautiful, lustrous satin ribbon used by all leading florists who desire floral pieces of distinction.

The above ribbon in the following colors:

Aqua	Emerald	Pink
Azalea	Fuchsia	Purple
Better Times	Garnet	Red
Blue	Gray	Royal Blue
Chartreuse	Moss Green	Talisman
Dubonnet	Nile	White
Egg Shell	Orchid	Yellow

Price: \$1.30 each; 12-piece lots \$1.20 each.

Stayput Satin Ribbon No. 3

40-yd. bolt, 5/8-in. wide.

A new water-repellent corsage ribbon which stands up under any weather or moisture condition. Will keep its shape at all times. In same colors as above.

Price: \$2.00 each; 12-piece lots \$1.90 each.

Satin Ribbon No. 5

100-yd. bolt, 7/8-in. wide.

In same colors as above.

Price: \$1.80 each; 12-piece lots \$1.70 each.

Satin Ribbon No. 9

50-yd. bolt, 1 1/2-in. wide.

In same colors as above.

Price: \$1.35 each; 12-piece lots \$1.25 each.

Satin Ribbon No. 40

50-yd. bolt, 3-in. wide.

In same colors as above.

Price: \$2.25 each; 12-piece lots \$2.15 each.

Satin Ribbon No. 120

50-yd. bolt, 5-in. wide.

In same colors as above.

Price: \$3.75 each; 12-piece lots \$3.65 each.

Storm King

Waterproof red Ribbon. 50 yds. per bolt.

No.	Each	Doz.
No. 40. 3-in.	\$1.40	\$1.35
No. 80. 4-in.	1.80	1.75
No. 120. 5-in.	2.25	2.20

Paper for Wrapping Boxes and Flowers

	1/2 Ream	Ream
White Tissue. 24x36 in.	\$3.00	\$5.50
Wax, White. 24x36 in.	3.00	5.50
Wax, Green. 24x36 in.	3.00	5.50

AEROSOL BOMBS – Refillable

The Modern Method of Pest Control



Parathion, No. G54

Wide range of killing action and particularly recommended for hard-to-kill insects such as mealy bug, leaf roller and Suriam roach. Where red spider mite is found to be resistant, switch to HEPT. One bomb treats 200,000 cu. ft. 4-lb. bomb \$8.00 (shell deposit \$3.75).

DDT-Greenhouse, No. G53

5% DDT. For greenhouse use only—for white fly, thrips and some other insects on all crops except Cucumbers. One bomb treats 200,000 cubic feet. 4-lb. bomb \$8.50 (deposit \$3.75).

Dithiono, No. G57

5%. For general floral greenhouse use, particularly against red spider resistant to parathion. Also unusually effective against mealy bug, aphids, white fly and thrips. One bomb treats 200,000 cubic feet. 4-lb. bomb \$8.00 (shell deposit \$3.75).

TEPP, No. G52

5%. For flowers and vegetables. Kills red spider, many aphids and adults of white fly. Low-cost bomb. No residue. One bomb treats 400,000 cu. ft. 4-lb. bomb \$6.50 (deposit \$3.75).

Malathion G62

15%. For spider mite, white flies on Roses, Chrysanthemums and Carnations. Covers 200,000 cu. ft. 4-lb. bomb, \$9.75 (deposit \$3.75).

Aramite No. G60

10%. Especially effective against the resistant red spider. 4-lb. bomb contains 10% Aramite and treats 200,000 cu. ft. Use two applications one week apart. 4-lb. bomb, \$12.00 each (deposit \$3.75).

Applicator

Including sling (with adjustable shoulder strap) for carrying bomb, 3-ft. nozzle rod and 3-ft. connecting hose. \$7.00. Brass tube with hose adapter.

Gas Mask

Isco Industrial Gas Mask complete with canister, \$30.00. Replacement canister, \$4.00.

Michell's Fertilizers

Adco. A bacterial food for making artificial manure with leaves, grass cuttings, etc. 20 lbs. (sufficient to make ½ ton of manure) \$3.15; 150 lbs. \$18.00.

Blood, Dried. For indoor culture of flowering plants like Roses, Carnations, etc. 25 lbs. \$5.00; 50 lbs. \$9.00; 100 lbs. \$16.00.

Bonemeal, Michell's Special Florists' Brand. 25 lbs. \$2.00; 50 lbs. \$3.75; 100 lbs. \$7.00; ½ ton \$65.00.

Cottonseed Meal. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 25 lbs. \$2.75; 50 lbs. \$4.00; 100 lbs. \$7.50; ½ ton \$68.00.

Cow Manure, Pulverized. Thoroughly sterilized and weedless. 50 lbs. \$2.85; 100 lbs. \$5.45; ½ ton \$48.00.

ELECTRA. A perfectly balanced fertilizer which is more than 80 per cent organic. It can be used for almost any purpose. Can be shipped from Lynn, Mass. 80-lb. bags, \$6.00.

Fertilizer 5-10-5. 80 lbs. \$3.00; 10 bags \$28.00.

Fertilizer 3-12-6. 80 lbs. \$3.00; 10 bags \$28.00.

Hyper-Humus. Packed in moisture-proof polyethylene bag to preserve effectiveness. Especially desirable for mixing with potting soil. 100 lbs. \$4.00; 500 lbs. \$19.00; truckload lots (minimum 10 tons in bulk), \$13.50 per ton, F.O.B. Newton, N. J.

Hyponex Plant Food. Highly concentrated. One pound makes 100 gallons. Use it for seedlings, cuttings, transplanting and general feeding. Twelve 1-lb. pkgs. \$8.00; 10 lbs. \$5.35; 25 lbs. \$10.00; 50 lbs. \$16.65; 100 lbs. \$26.67.

Muriate of Potash. 60%. Apply 100 to 150 lbs. per acre, usually with other fertilizers. 50 lbs. \$3.25; 100 lbs. \$6.00.

Nitrate of Soda. Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 25 lbs. \$2.25; 50 lbs. \$3.75; 100 lbs. \$6.50.

Phosphate, Super. 20%. Apply 1000 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 80 lbs. \$2.25; 10 80-lb. bags \$20.00; ton \$45.50.

Salt. For agricultural purposes. Apply 800 lbs. per acre. 100 lbs. \$2.50; 200 lbs. \$4.50; ½ ton \$20.00.

Sulphate of Aluminum. Adapted for fertilizing Rhododendrons and other plants requiring an acid soil. 50 lbs. \$3.15; 100 lbs. \$5.40; ½ ton \$40.00.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. Analysis: Equal to 25 per cent of ammonia. 50 lbs. \$3.50; 100 lbs. \$6.00; ½ ton \$50.00.

Sulphate of Iron. 25 lbs. \$1.55; 50 lbs. \$2.75; 100 lbs. \$4.75.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis: Equal to 50 per cent of actual potash. 25 lbs. \$3.25; 50 lbs. \$5.50; 100 lbs. \$9.00.

Peat Moss

A moisture-retaining humus and an aid for saving soil fertility. Furnishes organic matter which all soils require. Large bale \$5.50. Prices for larger quantities on application.

Moss

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

Sphagnum, Dry. Finest quality. Bale \$6.75; 5 bales \$32.50.

Green Sheet. 10-lb. bag \$6.00.

Orchid Peat. 10-lb. bag \$8.00; bale (approx. 20-25 lbs.) \$15.00.

Earthen Flower Pots

Height and Width Inside	100	1000
2¼ inch	\$ 3.00	\$20.00
2½ inch	3.50	25.00
3 inch	4.25	30.00
4 inch	6.00	47.50
5 inch	10.50	85.00
6 inch	15.00	
7 inch	19.00	
8 inch	28.00	
9 inch	45.00	
10 inch	57.00	

Add 20% packing charge on all Earthenware shipments outside delivery zone. We are unable to mail Earthenware.

Earthen Bulb Pans

Height and Width Inside	Doz.	100
6 inch (\$125.00 per 1000)	\$ 2.25	\$ 15.00
7 inch	2.75	19.00
8 inch	3.75	28.00
9 inch	6.00	45.00
10 inch	7.50	57.00
12 inch	15.00	115.00

Rubber Saucers — Green or Red

	Each	Doz.
No. 1. 5½ inch	\$0.30	\$ 3.35
No. 2. 7½ inch	.55	6.25
No. 3. 10½ inch	1.10	12.00
No. 4. 12¼ inch	2.20	24.00

Liquid Fertilizer

KAPCO

Ideal for potted plants as a starter solution, and greenhouse bench crops. Used by commercial growers all over the U. S. who claim it is the best fertilizer they ever used. Completely 99½% water soluble. Safe and easy to apply. Contains color tracer. Water and feed in one operation. 2 lbs. makes 100 gallons of feed.

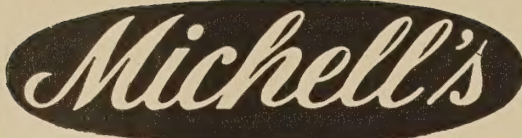
	Price	300 to 800 lbs.
15-30-15	\$6.50	\$20.40 22c per lb.
20-20-20	6.50	20.40 22c per lb.

Azalea Acid

30-10-10

The new chelated iron complex formula for feeding all plants in alkaline soils. 2 lbs. makes 100 gallons of feed.

25 lbs. \$7.50; 80 lbs., \$22.00



Insecticides - Fungicides

ARAMITE

New miticide very effective against red spider for use in greenhouse and on outside crops. Will kill parathion-resistant varieties of spiders. 4 lbs. \$3.50.

ARSENATE OF LEAD

One to 1½ pounds diluted with 50 gallons of water, or may be used dry. Lb. 80c; 4 lbs. \$2.20; 12 lbs. \$6.25; 48 lbs. \$21.00.

BENZO-FUME PRESSURE-FUMIGATORS

Are guaranteed to contain not less than 17½% of azobenzene. Fumes generated in the Pressure-Fumigator can in which this specially compounded powder is packed, control greenhouse red spider. 1-lb. tins, \$5.95 per case of 12; ½-lb. tins, \$3.60 per case of 12.

BLACK-LEAF 40

Full directions on each package. 5 ozs. \$1.20; lb. \$2.42; 2 lbs. \$4.30; 5 lbs. \$9.20; 10 lbs. \$17.00; 50-lb. drum \$71.00.

BORDEAUX MIXTURE, POWDER

A 12¾% copper mixture for spraying purposes. Lb. 70c; 4 lbs. \$1.70; 12 lbs. \$3.50; 48 lbs. \$13.00.

CAPTAN (See Orthocide)

CHELATED IRON (Ferro-Greene)

(8% iron). For correcting iron chlorosis in Azaleas, Gardenias, Hydrangeas, Roses, and certain other plants. Holds the iron in the soil in a readily available form making it possible for the plant to get iron under conditions where iron might ordinarily be unavailable. 1 lb. \$2.00; 5 lbs. \$8.75; 10 lbs. \$12.50.

CHLORDANE

6% Dust. For control of many garden and lawn pests such as ants, chiggers, cutworms, mole crickets, chinch bugs, grubs, etc. 1 lb. 55c; 4 lbs. \$1.35.

50% Wettable Powder. A highly effective stomach poison for some chewing insects that are resistant to DDT. 8 ozs. \$1.45; 4 lbs. \$4.75.

Emulsifiable Liquid 48E. ½ pint \$1.25.

CUPRINOL GREEN and CUPRINOL CLEAR

Insects and fungi just don't go in wood treated with Cuprinol. This excellent wood preserver is harmless to plants. One gallon covers 400 sq. ft. Qt. \$1.60; gal. \$4.25; 5 gals. \$19.80.

CUPRINOL No. 14 FOR FLORISTS

Especially prepared for dipping flats, stakes, etc. 5-gal. pail \$12.80.

(Note: Use the regular Cuprinol for wood on benches and other permanent construction where application is made by brush or spray.)

CYANO GAS (Calcium Cyanide)

G. Fumigant. A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. 5 lbs. \$4.00; 25 lbs. \$13.50.

DETEX

A 25% DDT spray that has been very favorably received. Compatible with most fungicides. Qt. \$4.25; gal. \$12.00.

DIMITE

Dimite gives quick initial kill and long residual action in control of mites and red spiders. Contains 25% Di-Methyl-Carbinol (DMC) in a water mixible solution. Qt. \$5.00; gal. \$14.00.

DDT

Duradust 50% wettable DDT. A powerful contact and stomach poison useful against many pests including thrips, leaf hoppers, mum midge, etc. Makes a highly residual spray. 1 lb. 80c; 4 lbs. \$2.00; 50 lbs. \$19.50.

DOWFUME MC-2

New control for most weeds and soil diseases in seed beds, greenhouses, and local areas. Insects are killed in all early life stages. Easy to apply. Price: 1-lb. pkg. 85c; case lots, 24 per case, \$20.40. Dowfume Applicator. \$5.00.

FERMATE

is effective for disease on Apples, Pears, Sweet Cherries, Celery, Tomato. Also black spot on Roses, septoria leaf spot on Chrysanthemums and Snapdragon rust. 8 ozs. 70c; 3 lbs. \$2.65; case of 12, \$25.80; 50-lb. drum, \$37.50.

LIME-SULPHUR, LIQUID

For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf-curl of Peaches. Qt. 55c; gal. \$1.60; 5 gals. \$6.00.

LIME-SULPHUR, DRY POWDER FORM

Instantly soluble in either cold or hot water. Dilute 1 pound to 6 gallons water. Does not separate; keeps indefinitely. Lb. 60c; 5 lbs. \$2.35; 25 lbs. \$7.50; 50 lbs. \$14.00.

LINDANE

5% Spray—quick, positive insect control effective 3 ways—when eaten, by contact, and by fumigating action. Useful in protecting flowers and foliage of all kinds, both indoors and out. 4 ozs. 60c; pint \$2.00.

MALATHION

Aphid and mite spray containing 50% Malathion. One of the newest insect killers recommended for control of many hard to kill insects. An emulsifiable insecticide. 4 ozs. \$1.00; gal. \$14.50.

Wettable Powder 15%. 2 lbs \$1.65.

NATRIPHENE

Growers all over the country have had excellent results with Natriphene for controlling damping-off of seedlings and small plants and cuttings, for mildew on Roses, to soak bulbs and tubers before planting, in preparation of seed beds; and to control most fungus diseases affecting plants.

100 tablet box (200 gal.) \$5.00
2½-lb. can (500 gal.) 7.50

NICO-FUME, LIQUID

A modern insecticide for vaporizing and spraying. Lb. \$2.60; 2 lbs. \$3.45; 8 lbs. \$11.95; 40 lbs. \$51.60.

NICO-FUME POWDER PRESSURE FUMIGATOR

Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. ½-lb. size, 50c each; case lots of 1 doz., \$4.80. Lb. size, 90c each; case lots of 1 doz., \$9.10.

ORTHOCIDE

Contains 50% Captan wettable powder. A superb fungicide for use on Roses and certain other plants. Can be used to control damping off in Azaleas by dipping cuttings in solution. 1 lb. \$1.55; 5 lbs. \$6.25.

PARA-DICHLOROBENZENE

For Peach-tree borers. Full directions on each package. 1-lb. can 70c; 5-lb. can \$2.85.

PARATHION DUST

15% wettable (for outdoor use only). Use as a spray to control Cyclamen mite on Delphiniums, red spider on evergreens, Azaleas, Hydrangeas, etc. 2 lbs. \$1.80; 4-lb. bag, \$3.50.

PLANTFUME 103 — Smoke Generators

It is not a bomb but will do everything a bomb does. The generated smoke is laden with minute particles of insecticide. When the required number of generators are ignited, the smoke carries the insecticide to every part of the greenhouse, insuring complete coverage of the plants for insect control.

36 1¾-oz. pkgs. to carton—covers 5000 cu. ft. \$10.50
12 7-oz. pkgs. to carton—covers 20,000 cu. ft. 12.50

PARZATE

is du Pont's newly developed dithiocarbamate fungicide which may be used as a spray or a dust for the control of many important plant diseases. 3 lbs., \$2.85; case of 12, \$31.20; 50 lbs. \$45.00.

P-40

Contains 2% of sodium selenate in granular superphosphate for dry application. Broadcast as fertilizer at the rate of 3 pounds per 100 square feet. 25 lbs. \$20.00; 50 lbs. \$37.50; 100 lbs. \$70.00; 500 lbs. \$325.00.

ROTENONE DUST

An economical, effective insecticide, non-poisonous to humans. For leaf-eating insects attacking vegetables. 4-lb. bag \$1.10; 50 lbs. \$11.00.

SCALECIDE

Used for the destruction of the San Jose scale. Spray when the trees are dormant. Qt. \$1.10; gal. \$2.70; 5 gals. \$10.25; 15 gals. \$23.00.

SEMESAN

A mercuric disinfectant for the control of many seed, plant, and soil diseases. 4 ozs. \$1.00; 12 ozs. \$2.85.

SNAROL, Metaldehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 2½-lb. pkg. 85c; 6-lb. pkg. \$1.60; 50 lbs. \$10.80.

SPREADER, GRASELLI

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It is a liquid and mixes readily with cold water. Pt. \$1.20; gal. \$7.85.

SULPHATE OF COPPER

For destroying fungous diseases; also used in making Bordeaux mixture and for spraying Potato vines in connection with Paris Green. 5 lbs. \$1.40; 10 lbs. \$2.50; 25 lbs. \$5.50; 100 lbs. \$20.50.

SULPHUR

(Flowers.) 10 lbs. \$1.65; 25 lbs. \$3.15; 100 lbs. \$12.00.

SULPHUR, WETTABLE, Dritomic

A greatly improved summer fungicide containing 95% sulphur of 325-mesh fineness. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf spot, mildew, rust, etc. 5 lbs. 70c; 50 lbs. \$6.00.

TARTAR EMETIC

To control Gladiolus thrip, use 4 lbs. tartar emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. \$1.15; 5 lbs. \$5.50; 25 lbs. \$25.00.

VAPOTONE

A new organic insecticide containing tetraethyl pyrophosphate. Acts primarily as a contact poison for the control of red spiders and mealy bugs. Pt. \$2.25; gal. \$11.90.

VOLCK

(Oil Spray.) A highly refined insecticide spray carrier for use against mealy bugs, scale insects, red spiders, and white flies on plants. Qt. \$1.15; gal. \$2.50; 5 gals. \$8.75; 28 gals. \$36.00 (Plus \$1.00 drum charge.)

ZERLATE

Use as spray or dust to control early Potato blight, Celery blight, anthracnose and leaf-spot on Tomatoes. 3 lbs. \$2.45; 50 lbs. \$25.80.

Michell's

GROWERS' SUPPLIES

Vita Plant Bands

VITA-D. An improvement over Vita 40, having a higher concentrate. Ideal for Carnations.

Vita 10. Has the same quick set-up and fast handling features without nutrient treatment. A low-priced band giving satisfactory results for growing periods up to eight to ten weeks. May require occasional liquid feeding.

VITA-BAND H. The new successor to Vita-Band "40." A solidly constructed nutrient-treated plant band that will absolutely control the root growth of plants which demand extra-long growing periods.

Vita-H Vita-D Vita 10 Per 1000

1½x1½x2½ in.	\$3.85	\$3.70
1¾x1¾x2½ in.	5.45	4.15 4.00
2 x2 x2½ in.	5.80	4.65 4.55
2 x2 x3 in.	6.90	5.35 5.05
2½x2½x3 in.	7.65	6.05 6.00
3 x3 x3 in.	8.50	7.05 6.90
4 x4 x3 in.	10.45	9.25 9.00
4 x4 x4 in.	12.90	11.60 11.25

Tom Thumb Flats

Size No.	1000
Size No. 1. Holds 12—1¾x1¾x2½ in. bands	\$44.70
Size No. 2. Holds 12—2-in. bands	49.60

Tom Thumb Flat and Plant Band Combinations

Size No.	1000 Sets
Size No. 1. With Vita Band D	\$88.50
Size No. 2. With Vita Band D	98.20
Size No. 1. With Vita Band 10	86.45
Size No. 2. With Vita Band 10	95.65

Red Paper Pots

Neponset Red Pots protect against root-ball breakage, prevent drying out in transit, reduce setback to plants after transplanting, provide quicker resumption of growth.

Diam.	500	1000
2 -in.		\$ 8.60
2¼-in.		8.60
2½-in.		8.70
3 -in.		9.15
3½-in.		12.20
*4 -in.	8.75	14.70
*5 -in.	10.50	18.15
*6 -in.	12.50	22.25

Sizes marked * are packed 500 to a crate. Special prices will be quoted f.o.b. factory.

Bird's Perennial Pots

The Bird Perennial Pot is made of a much tougher material than other heavy pots. The hard, smooth coating inside and out adds to the toughness and eliminates any possibility of sticking.

Height	Top-Diam.	Per Case	1000
5½ inch	5 inch	\$ 8.00	\$36.50
6½ inch	6 inch	11.30	51.50
9½ inch	7 inch	13.75	62.85
5 inch	8 inch	13.00	60.00

Packed 200 to case.



VITA-M POTS

Made with a special formula—helps plants grow extra root ends. Light in weight, mildew resistant, and can be reused time and time again. Traditional brick-red color.

Size	Per Case	Weight	Per M
2¼"	1000	10 lbs.	\$10.75
3"	1000	21 lbs.	17.50
4"	500	20 lbs.	24.00

VITA-GREEN POTS

Bird Vita-Green pots mean quick and easy planting for you . . . they're light and convenient to handle. They stay clean and are mildew resistant. Green color for more sales appeal. Low cost, and because you plant the pot too, you don't spend valuable time and money picking up and trucking useless empties.

Size	Per Case	Weight	Per M
2¼"	2000	22 lbs.	\$ 7.10
2½"	2000	26 lbs.	8.60
3"	2000	36 lbs.	12.40

(Sold in units of 2000 only)

Neponset Vita Paper Pots

Light in weight nutrient-treated pot, that is tough enough to be used to grow and ship potted plants in the same pot.

Size	1000	Size	500	1000
2 in.	\$14.60	3½ in.		\$22.70
2¼ in.	14.95	*4 in.	14.50	25.70
2½ in.	15.50	*5 in.	18.50	33.40
3 in.	17.40	*6 in.	23.50	44.10

Sizes marked * are packed 500 to a crate.

Keystone Tubs

No.	Top Diam.	Depth	Each	Doz.
	in.	in.		
No. 2.	7 x	7	\$1.25	\$13.50
No. 3.	8 x	8	1.30	14.00
No. 4.	9 x	9	1.35	14.50
No. 5.	10 x	9	1.65	17.75
No. 7.	12 x	11	2.50	27.00
No. 9.	14 x	13	3.50	38.00
No. 11.	16 x	15	6.00	66.00
No. 13.	18 x	17	7.50	78.00
Tub Handles, not attached				80c Pr.

Aluminum Containers ALUMIPOTS *

The aluminum foil plant pot for growing, shipping and selling. An extremely light, clean and disease free pot that actually helps to sell the plant. Bright and attractive and there's no need to re-pot or wrap plant, you can grow and sell in the one pot.

Excellent for foliage plants, Geraniums, pot Mums, Azaleas, perennials, Poinsettias, and spring plants.

	Per 1000	Per 1000
	2¼"	3"
1- 9,000	\$18.75	\$24.35
10- 49,000	17.50	22.85
50-149,000	16.30	21.55
150-499,000	15.20	20.55
	4"	
	Per 1000	Per 1000
1- 9,000	\$44.65	100-249,000 ... \$38.90
10-24,000	43.15	250-499,000 ... 37.70
25-49,000	41.65	500-999,000 ... 36.70
50-99,000	40.15	1,000,000
		and over ... 35.80

Also available in Red, Green, and Gold at additional cost.

*Trademark Reynolds Metals Co.

ALUMIPAKS *

4¼ x 8¼ x 2 inches deep. A new aluminum pak for marketing plants. Can be used for all types of bedding plants now sold from flats or small pots such as Marigolds, Petunias, Salvia, Tomatoes, Peppers, etc. Has holes for drainage. Prices per 1000:

	Per 1000	Per 1000
1- 9,000	\$40.10	50-149,000 ... \$36.25
10-49,000	38.15	150-499,000 ... 34.60

*Trademark Reynolds Metals Co.

SUNDRIES INDEX

	Page
Aprons	29
Bombs	31
Bulb Pans	31
Celo-O-Glass	29
Fertilizers	31
Flats	Inside Back Cover
Floralife	30
Flowers, Artificial	30
Foil	30
Green Glo	30
Hose	29
Hotbed Mats	29
Insecticides	32
Knives	29
Labels	30
Nozzles	29
Paper	30
Pencils	29
Pins	30
Pots	31 and Inside Back Cover
Ribbons	30
Root Forming Chemicals	29
Saucers, Rubber	31
Shading Cloth	29
Shears	29
Stakes	29
Stake Tie	29
Thermometers	29
Toothpicks, Wired	29
Tubs	Inside Back Cover
Twine	29
Twist-Ems	30
Vases	30
Vita Bands	Inside Back Cover
Water Breaker	29
Wheelbarrows	29

Michell's

GROWERS CATALOG



**Bulbs, Seeds
and Plants**

Fall 1956

**HENRY F. MICHELL
COMPANY**

LO 3-5620

3rd and Spruce Streets

PHILADELPHIA 5, PA.

